

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102821\  
 Data File : VN069260.D  
 Acq On : 28 Oct 2021 19:44  
 Operator : JC/MD  
 Sample : VN1028WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 29 07:53:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102821W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 28 16:09:15 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 239602   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 422143   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.747 | 117  | 383221   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 155691   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 178088   | 51.489   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 102.980% |      |
| 35) Dibromofluoromethane    | 8.024  | 113   | 133641   | 50.785   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 101.580% |      |
| 50) Toluene-d8              | 10.443 | 98    | 533608   | 50.716   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 101.440% |      |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 186123   | 46.879   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 93.760%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 53525  | 19.542  | ug/l   | 99  |
| 3) Chloromethane             | 2.303 | 50  | 57603  | 19.791  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.443 | 62  | 66134  | 19.497  | ug/l   | 100 |
| 5) Bromomethane              | 2.853 | 94  | 47088  | 23.374  | ug/l   | 100 |
| 6) Chloroethane              | 3.017 | 64  | 42780  | 20.490  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.373 | 101 | 101976 | 23.997  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.821 | 74  | 37286  | 24.666  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.205 | 101 | 45872  | 20.350  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.417 | 142 | 53114  | 17.780  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.390 | 59  | 62379  | 101.209 | ug/l # | 85  |
| 12) 1,1-Dichloroethene       | 4.175 | 96  | 43704  | 20.279  | ug/l   | 98  |
| 13) Acrolein                 | 4.044 | 56  | 12331  | 80.959  | ug/l   | 97  |
| 14) Allyl chloride           | 4.840 | 41  | 73984  | 19.406  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.559 | 53  | 151524 | 103.858 | ug/l   | 100 |
| 16) Acetone                  | 4.291 | 43  | 136559 | 92.668  | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.524 | 76  | 99158  | 17.279  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.862 | 43  | 101774 | 20.323  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.621 | 73  | 168638 | 19.888  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.093 | 84  | 52644  | 18.625  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.594 | 96  | 46723  | 19.200  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.501 | 45  | 159398 | 18.502  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.439 | 43  | 620229 | 92.240  | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.391 | 63  | 92165  | 20.227  | ug/l   | 100 |
| 25) 2-Butanone               | 7.340 | 43  | 207517 | 92.917  | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.329 | 77  | 72831  | 16.843  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 56513  | 19.655  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.659 | 49  | 44551  | 19.515  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.689 | 42  | 137110 | 96.280  | ug/l   | 96  |
| 30) Chloroform               | 7.820 | 83  | 97005  | 19.584  | ug/l   | 100 |
| 31) Cyclohexane              | 8.094 | 56  | 88356  | 19.087  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 85543  | 18.209  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 69881  | 19.201  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.418 | 43  | 81928  | 19.755  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 70218  | 17.596  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.461 | 83  | 86104  | 19.108  | ug/l   | 98  |
| 40) Benzene                  | 8.461 | 78  | 214647 | 19.609  | ug/l   | 99  |

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 Sample : VN1028WBS01  
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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 29 07:53:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102821W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 28 16:09:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 40215    | 19.669  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 81407    | 19.762  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.566  | 43   | 132193   | 18.568  | ug/l   | 99       |
| 44) Trichloroethene           | 9.217  | 130  | 52143    | 18.917  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 55204    | 19.809  | ug/l   | 95       |
| 46) Dibromomethane            | 9.577  | 93   | 37935    | 19.159  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.765  | 83   | 70794    | 17.433  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.563  | 41   | 56602    | 18.083  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.571  | 88   | 26552    | 372.873 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 422930   | 93.936  | ug/l   | 99       |
| 52) Toluene                   | 10.507 | 92   | 138940   | 19.354  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.722 | 75   | 74964    | 16.920  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 80401    | 17.138  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.902 | 97   | 55597    | 19.304  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 88691    | 17.880  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.047 | 76   | 93244    | 19.407  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 96658    | 81.516  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.087 | 43   | 306614   | 90.448  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.240 | 129  | 50865    | 16.875  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 56690    | 17.781  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.979 | 164  | 47537    | 19.420  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.771 | 112  | 144959   | 19.221  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 51364    | 17.864  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.846 | 91   | 266547   | 19.401  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.956 | 106  | 200760   | 39.228  | ug/l   | 100      |
| 69) o-Xylene                  | 12.283 | 106  | 99898    | 19.395  | ug/l   | 98       |
| 70) Styrene                   | 12.296 | 104  | 158175   | 17.861  | ug/l   | 99       |
| 71) Bromoform                 | 12.460 | 173  | 33907    | 16.326  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.581 | 105  | 262545   | 20.062  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.390 | 43   | 97831    | 18.976  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 86360    | 20.672  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 104209   | 25.449  | ug/l # | 1        |
| 77) Bromobenzene              | 12.862 | 156  | 58971    | 19.208  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.924 | 91   | 289383   | 19.535  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 181099   | 19.411  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 213943   | 19.692  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 21232    | 18.204  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 172025   | 18.695  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 186736   | 19.700  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 209393   | 19.705  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.503 | 105  | 255826   | 19.479  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.619 | 119  | 202061   | 19.292  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.619 | 146  | 101099   | 18.822  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 97766    | 18.792  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.943 | 91   | 157479   | 17.754  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.211 | 117  | 32888    | 17.242  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 99692    | 19.051  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 15463    | 18.918  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 42287    | 18.379  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.373 | 225  | 23764    | 18.454  | ug/l   | 96       |
| 95) Naphthalene               | 15.509 | 128  | 126368   | 18.475  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 42232    | 18.552  | ug/l   | 99       |

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Sample : VN1028WBS01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

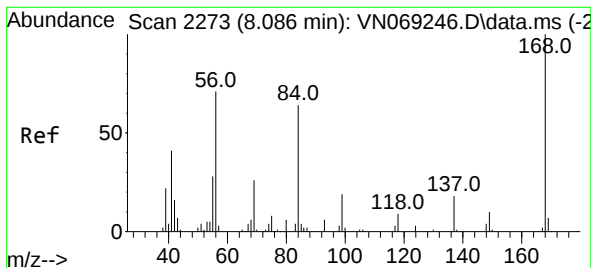
Quant Time: Oct 29 07:53:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102821W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 28 16:09:15 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Oct 29 07:53:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102821W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 28 16:09:15 2021  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN069260.D

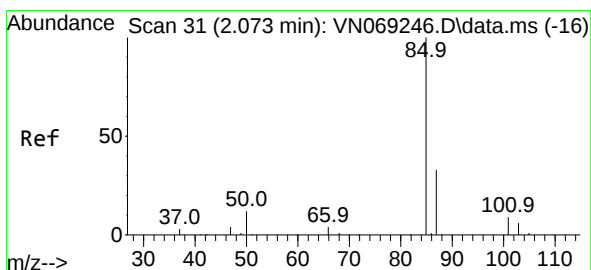
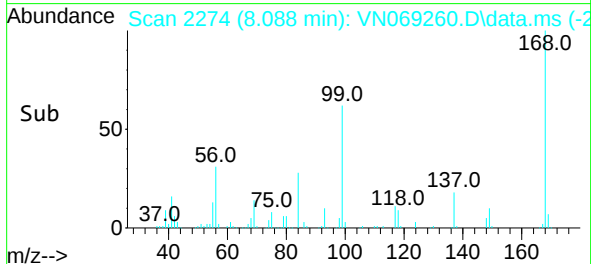
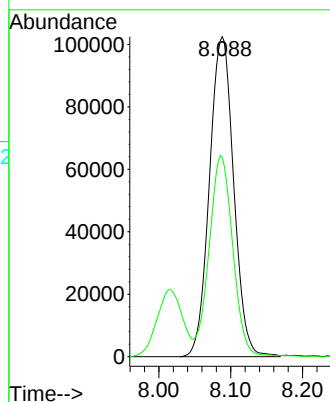
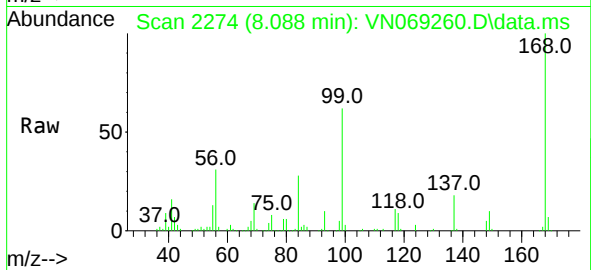
Acq: 28 Oct 2021 19:44

Tgt Ion:168 Resp: 239602

Ion Ratio Lower Upper

168 100

99 61.9 48.9 73.3



#2

Dichlorodifluoromethane

Concen: 19.542 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069260.D

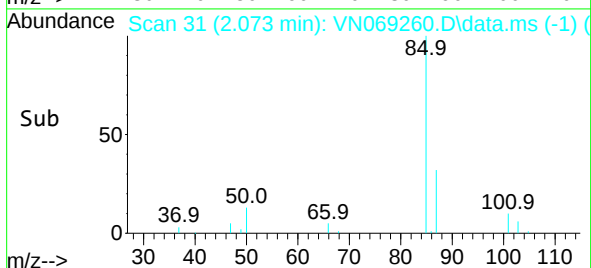
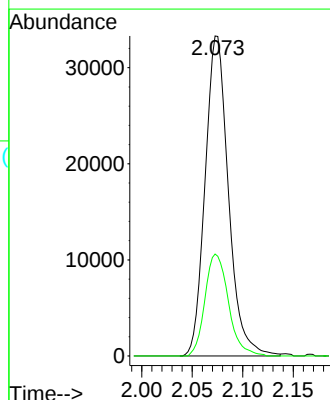
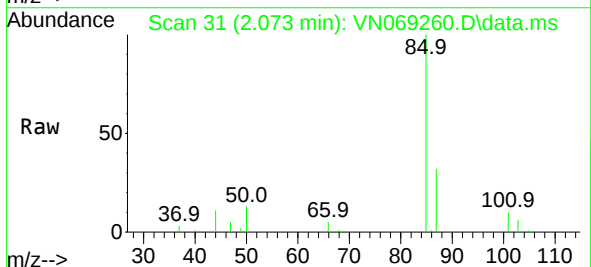
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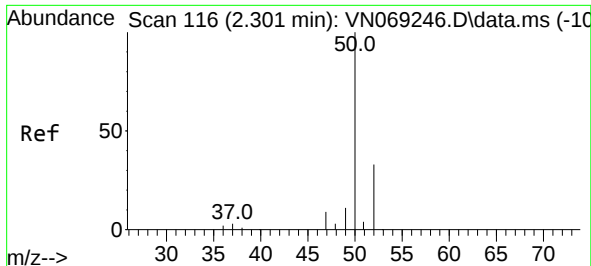
Tgt Ion: 85 Resp: 53525

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8

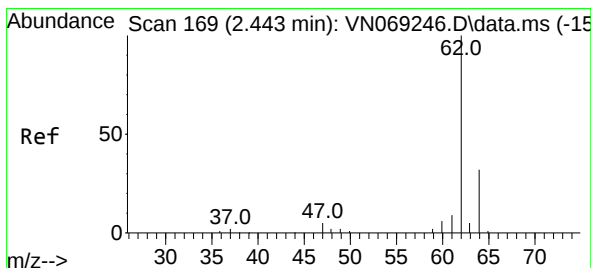
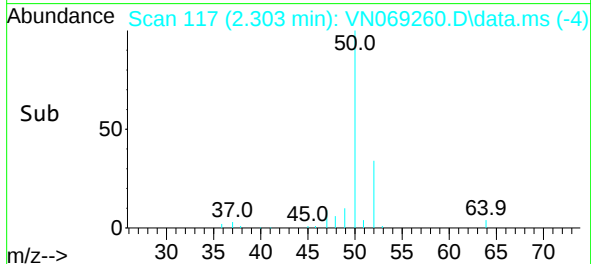
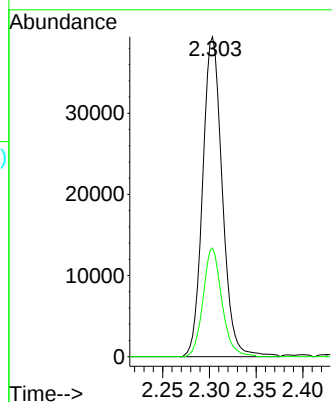
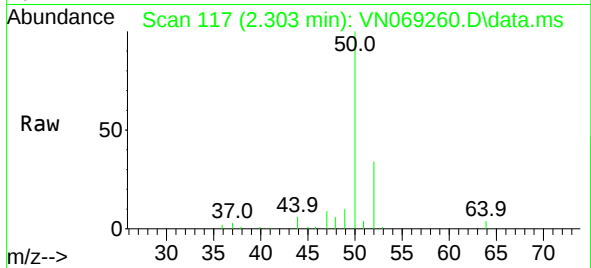




#3  
Chloromethane  
Concen: 19.791 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.002 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

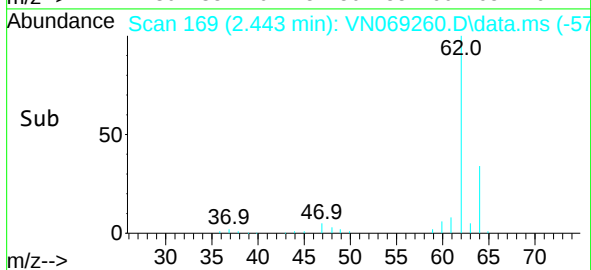
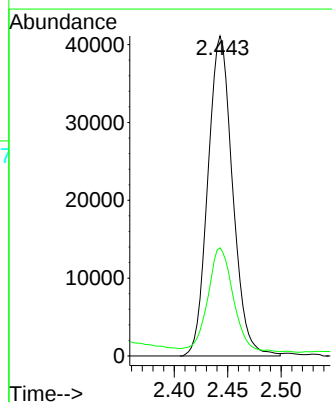
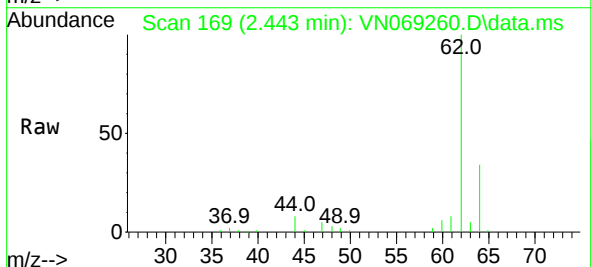
Instrument :  
MSVOA\_D  
ClientSampled :

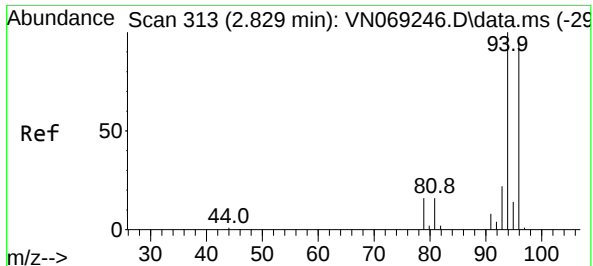
Tgt Ion: 50 Resp: 57603  
Ion Ratio Lower Upper  
50 100  
52 33.9 26.3 39.5



#4  
Vinyl Chloride  
Concen: 19.497 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 62 Resp: 66134  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.7 38.5

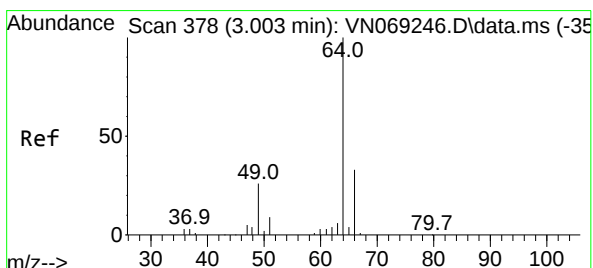
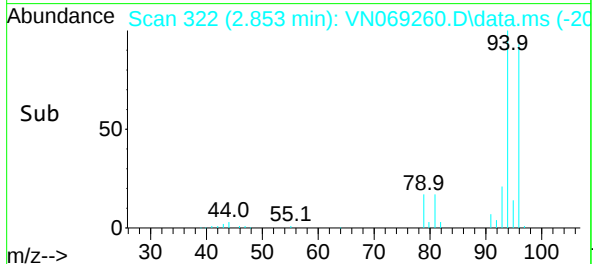
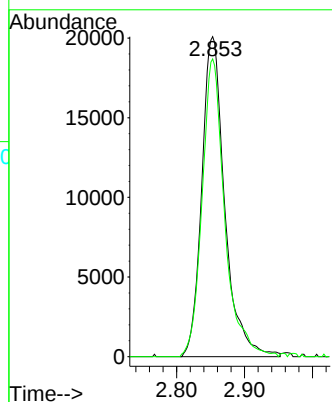
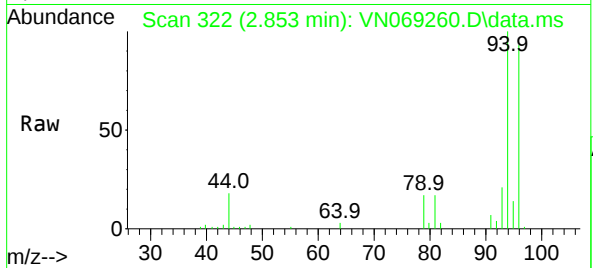




#5  
Bromomethane  
Concen: 23.374 ug/l  
RT: 2.853 min Scan# 322  
Delta R.T. 0.024 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

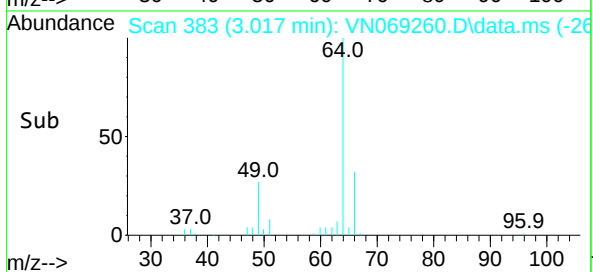
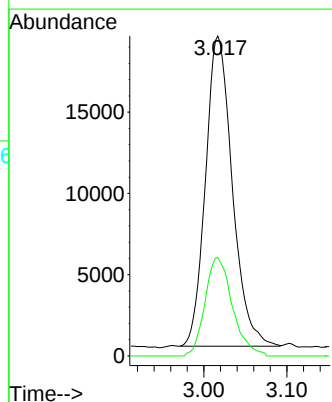
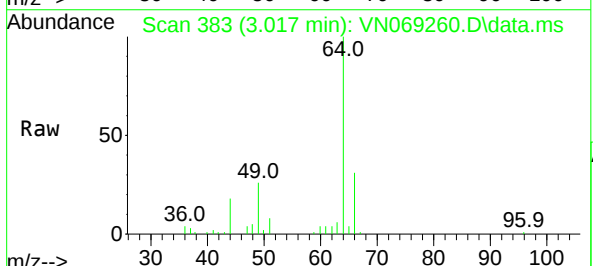
Instrument :  
MSVOA\_D  
ClientSampled :

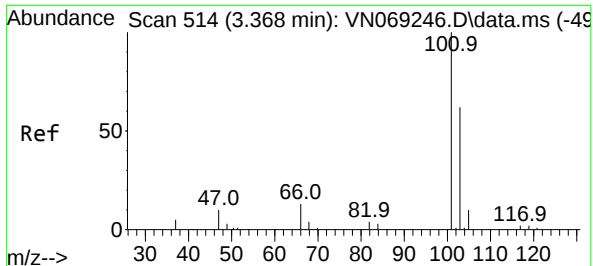
Tgt Ion: 94 Resp: 47088  
Ion Ratio Lower Upper  
94 100  
96 93.0 74.2 111.4



#6  
Chloroethane  
Concen: 20.490 ug/l  
RT: 3.017 min Scan# 383  
Delta R.T. 0.014 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 64 Resp: 42780  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.6 38.4

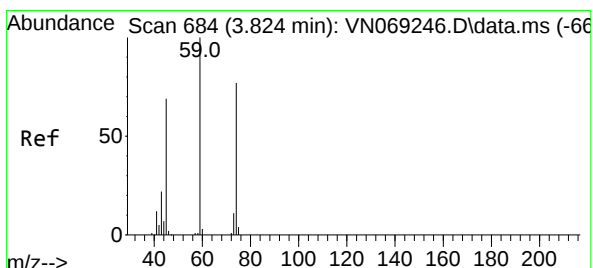
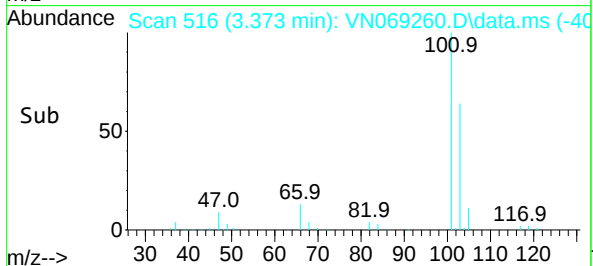
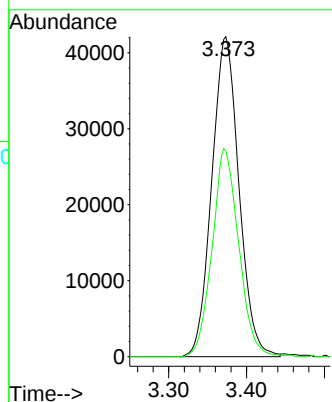
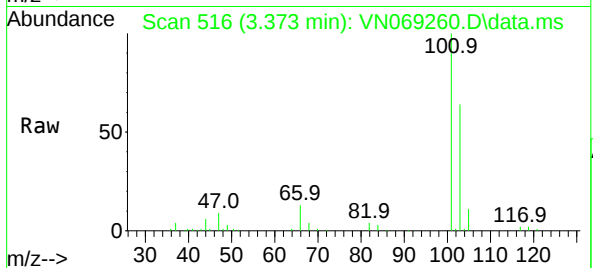




#7  
Trichlorofluoromethane  
Concen: 23.997 ug/l  
RT: 3.373 min Scan# 516  
Delta R.T. 0.005 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

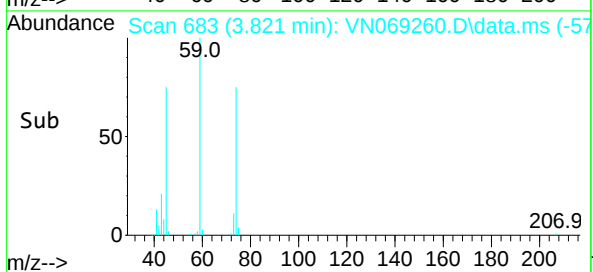
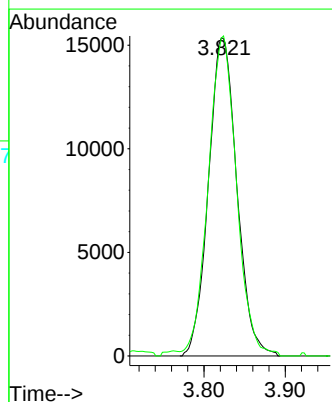
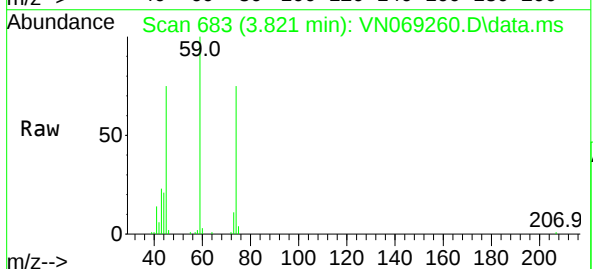
Instrument :  
MSVOA\_D  
ClientSampleId :

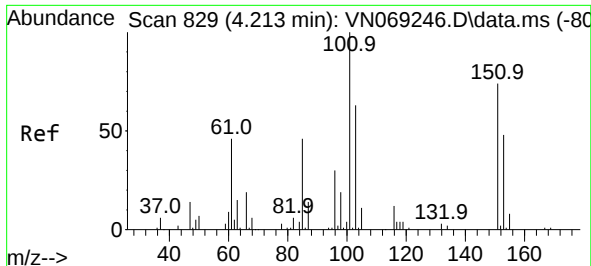
Tgt Ion:101 Resp: 101976  
Ion Ratio Lower Upper  
101 100  
103 64.3 51.7 77.5



#8  
Diethyl Ether  
Concen: 24.666 ug/l  
RT: 3.821 min Scan# 683  
Delta R.T. -0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 74 Resp: 37286  
Ion Ratio Lower Upper  
74 100  
45 100.2 47.0 141.2

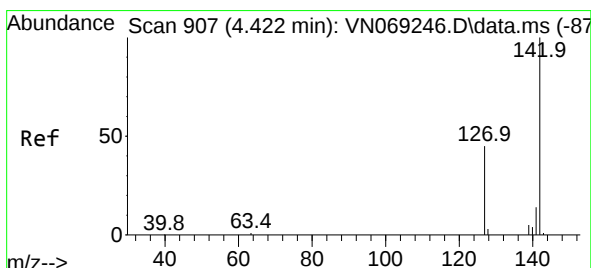
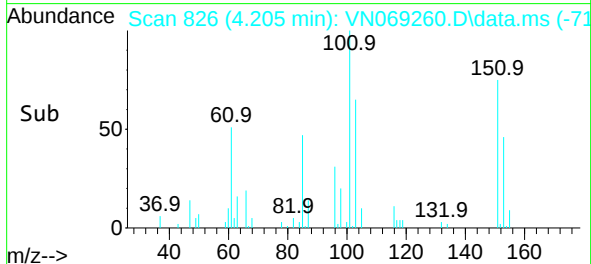
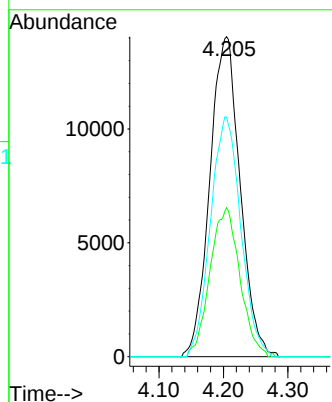
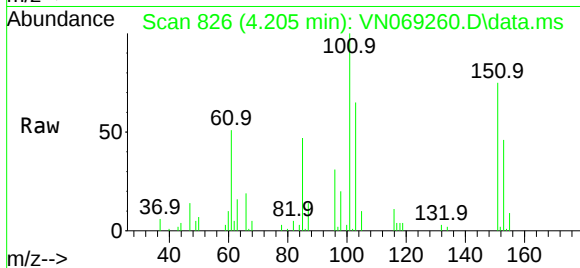




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.350 ug/l  
RT: 4.205 min Scan# 826  
Delta R.T. -0.008 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

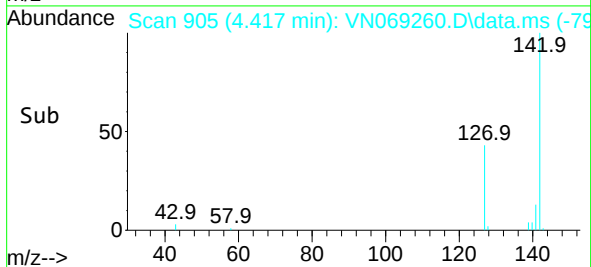
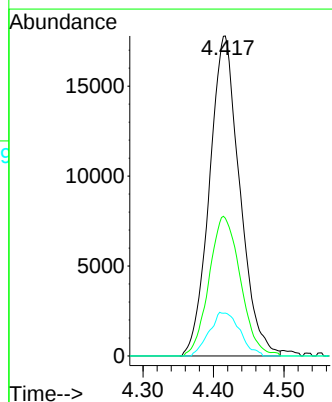
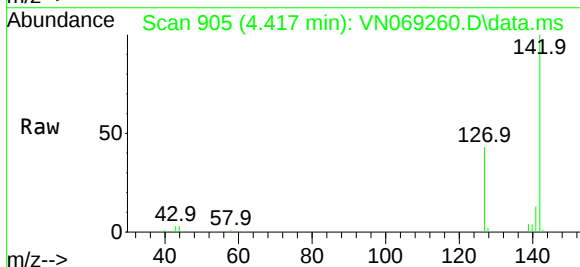
Instrument :  
MSVOA\_D  
ClientSampled :

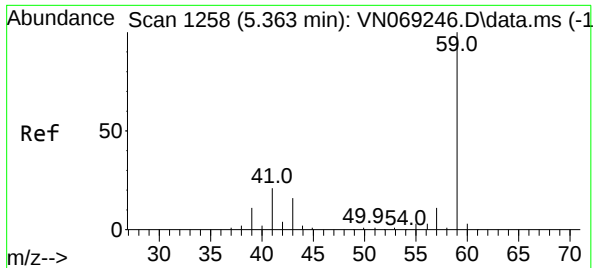
Tgt Ion:101 Resp: 45872  
Ion Ratio Lower Upper  
101 100  
85 45.9 37.2 55.8  
151 74.9 61.1 91.7



#10  
Methyl Iodide  
Concen: 17.780 ug/l  
RT: 4.417 min Scan# 905  
Delta R.T. -0.005 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion:142 Resp: 53114  
Ion Ratio Lower Upper  
142 100  
127 45.2 34.4 51.6  
141 13.7 11.3 16.9

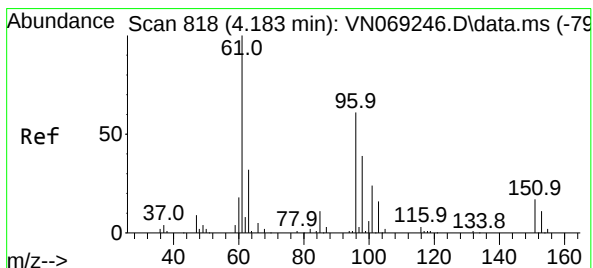
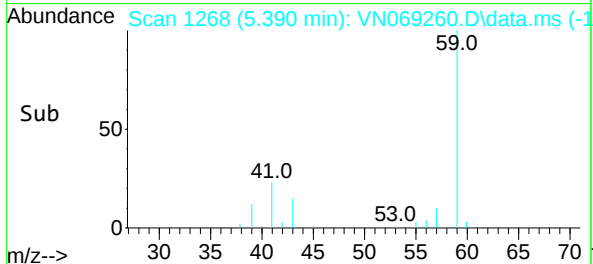
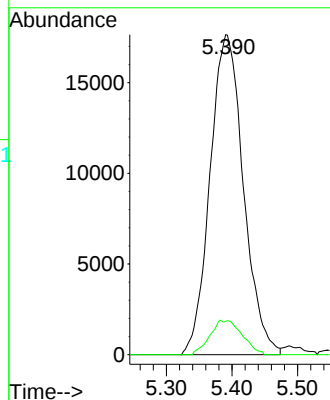
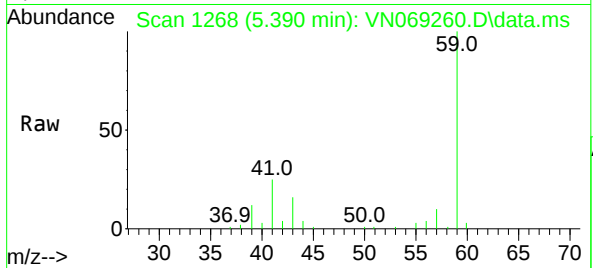




#11  
Tert butyl alcohol  
Concen: 101.209 ug/l  
RT: 5.390 min Scan# 1268  
Delta R.T. 0.027 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

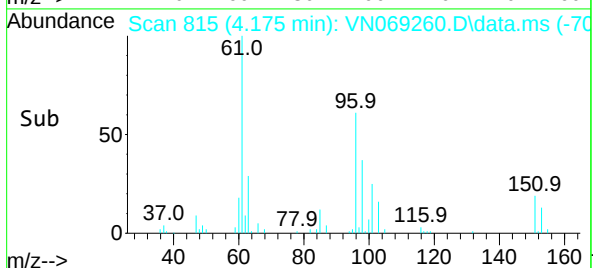
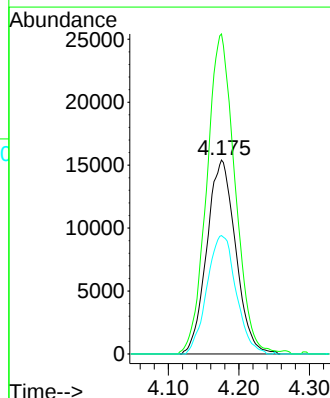
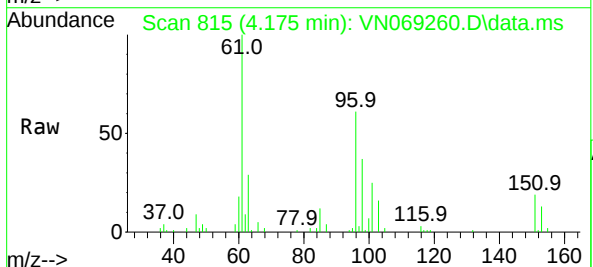
Instrument :  
MSVOA\_D  
ClientSampled :

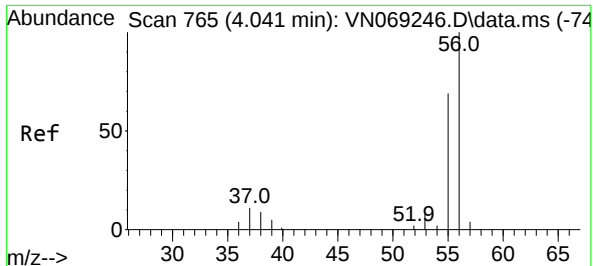
Tgt Ion: 59 Resp: 62379  
Ion Ratio Lower Upper  
59 100  
57 4.7 8.3 12.5#



#12  
1,1-Dichloroethene  
Concen: 20.279 ug/l  
RT: 4.175 min Scan# 815  
Delta R.T. -0.008 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 96 Resp: 43704  
Ion Ratio Lower Upper  
96 100  
61 164.0 129.8 194.6  
98 61.1 51.4 77.2

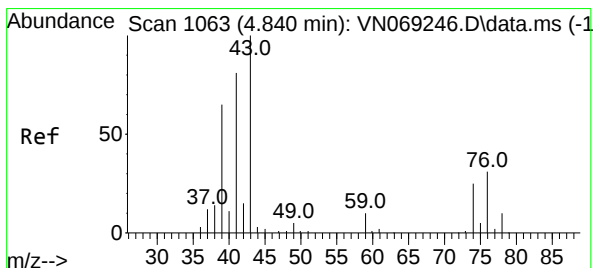
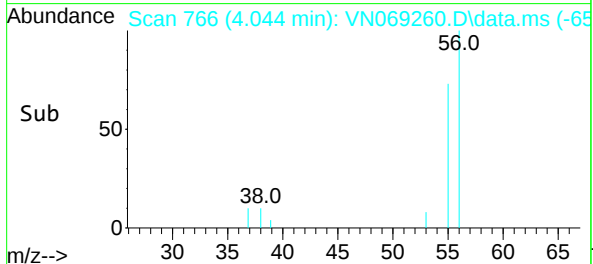
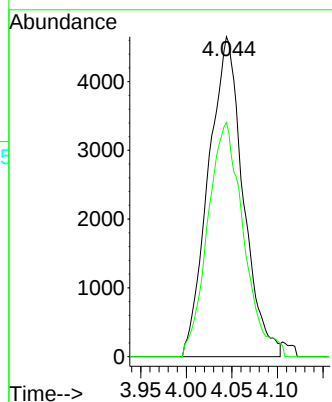
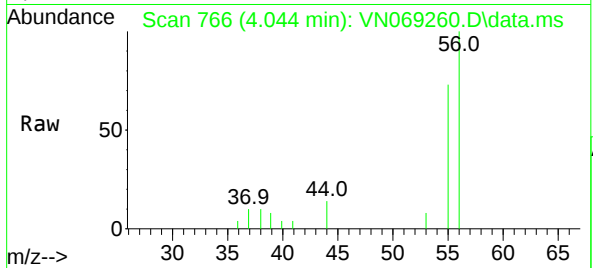




#13  
Acrolein  
Concen: 80.959 ug/l  
RT: 4.044 min Scan# 766  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

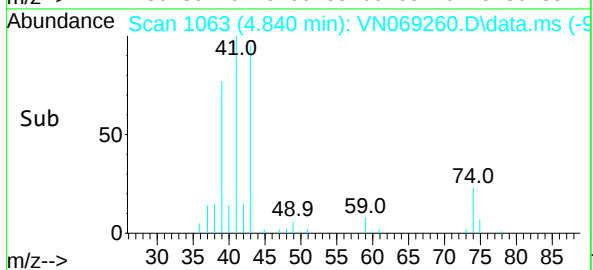
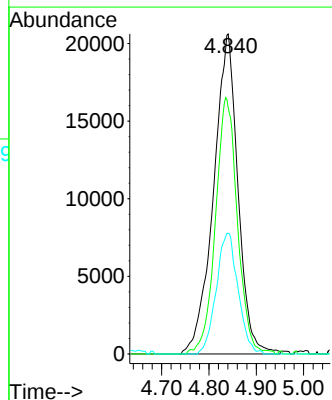
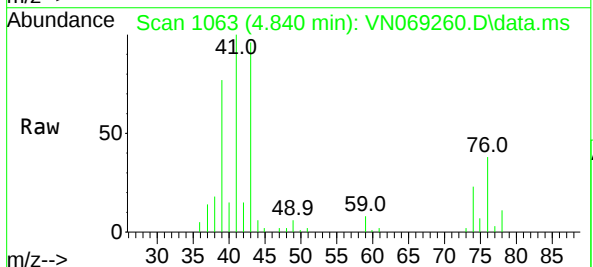
Instrument :  
MSVOA\_D  
ClientSampled :

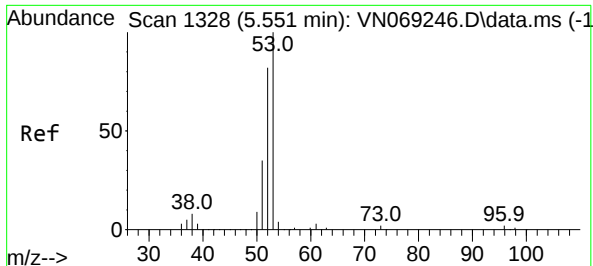
Tgt Ion: 56 Resp: 12331  
Ion Ratio Lower Upper  
56 100  
55 75.4 58.1 87.1



#14  
Allyl chloride  
Concen: 19.406 ug/l  
RT: 4.840 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 41 Resp: 73984  
Ion Ratio Lower Upper  
41 100  
39 71.6 55.6 83.4  
76 33.5 26.4 39.6

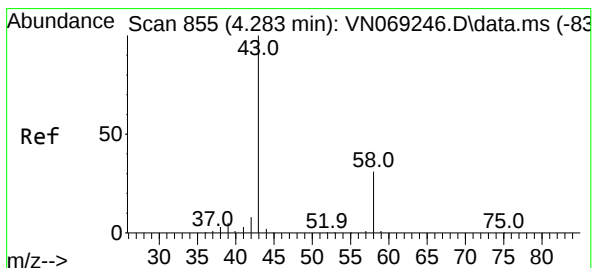
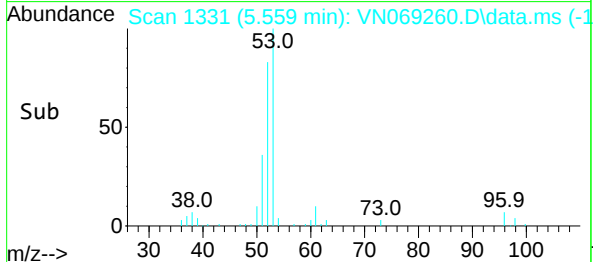
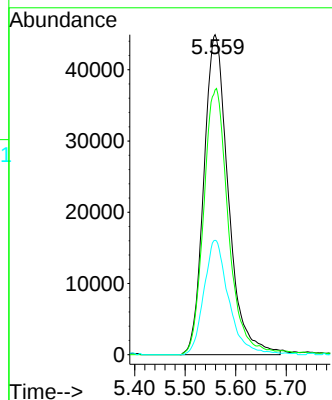
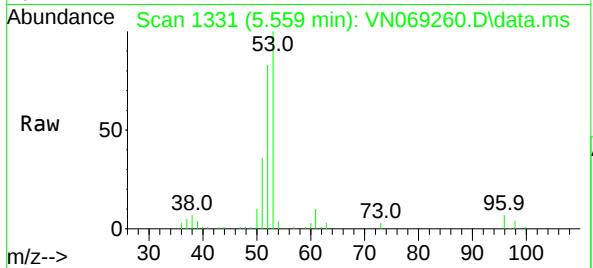




#15  
Acrylonitrile  
Concen: 103.858 ug/l  
RT: 5.559 min Scan# 1331  
Delta R.T. 0.008 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

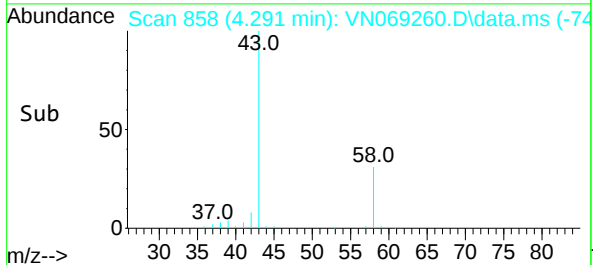
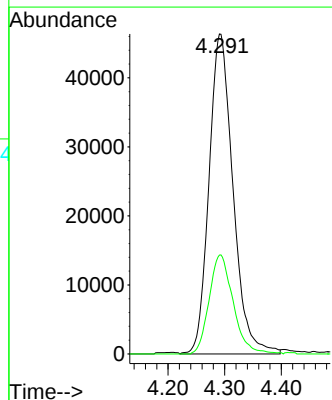
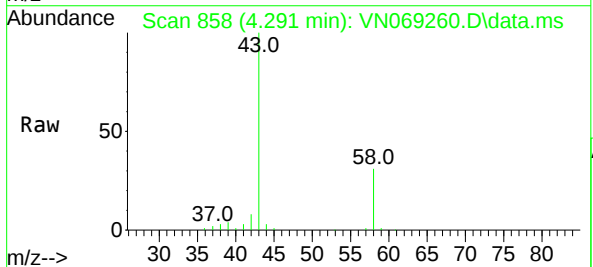
Instrument :  
MSVOA\_D  
ClientSampled :

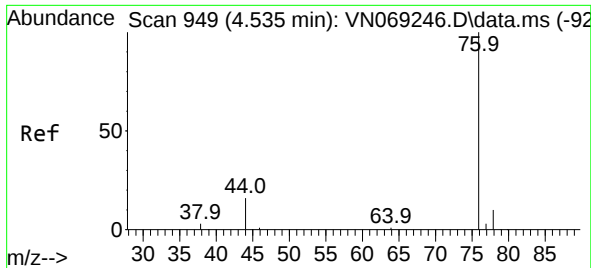
Tgt Ion: 53 Resp: 151524  
Ion Ratio Lower Upper  
53 100  
52 82.2 65.7 98.5  
51 35.8 28.9 43.3



#16  
Acetone  
Concen: 92.668 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.008 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 43 Resp: 136559  
Ion Ratio Lower Upper  
43 100  
58 30.9 24.5 36.7

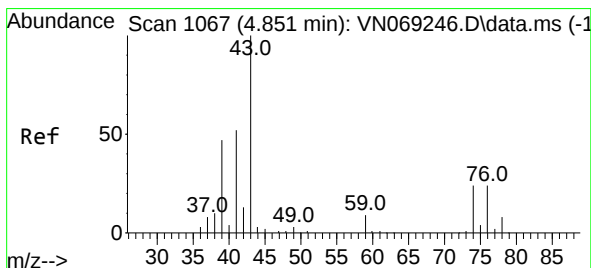
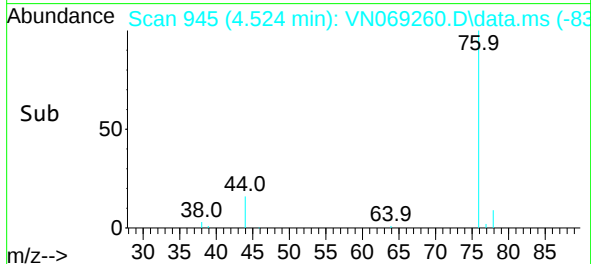
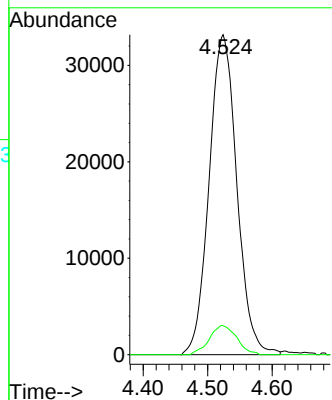
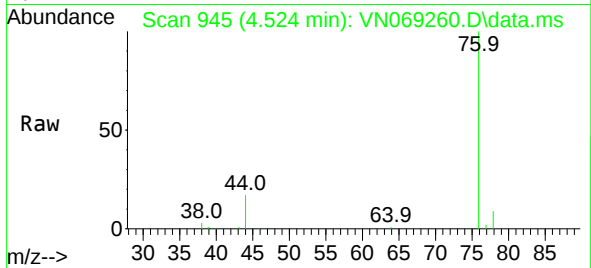




#17  
Carbon Disulfide  
Concen: 17.279 ug/l  
RT: 4.524 min Scan# 945  
Delta R.T. -0.011 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

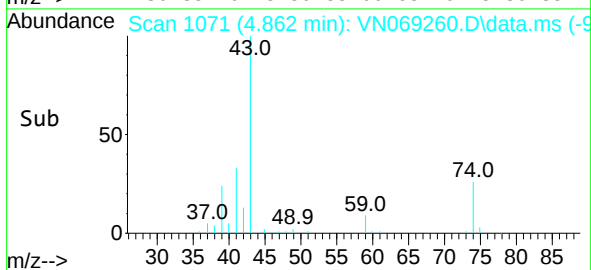
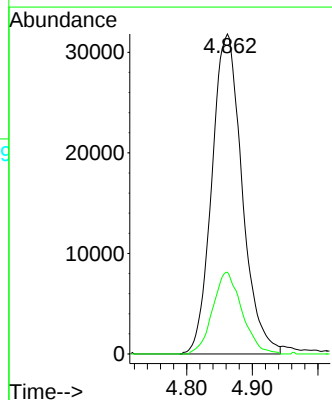
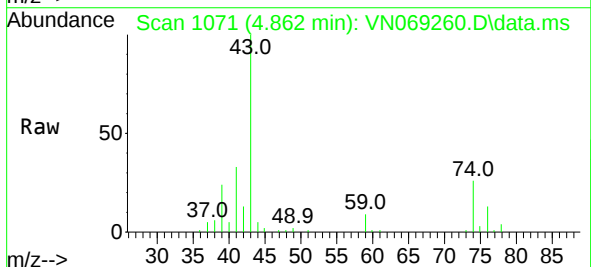
Instrument :  
MSVOA\_D  
ClientSampleId :

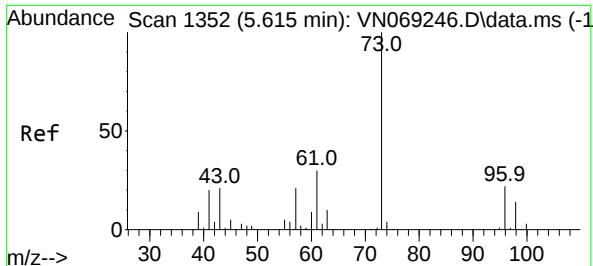
Tgt Ion: 76 Resp: 99158  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



#18  
Methyl Acetate  
Concen: 20.323 ug/l  
RT: 4.862 min Scan# 1071  
Delta R.T. 0.011 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 43 Resp: 101774  
Ion Ratio Lower Upper  
43 100  
74 24.8 18.9 28.3



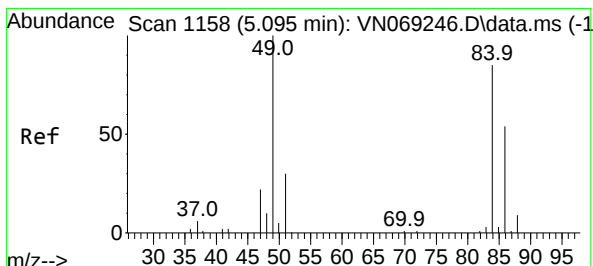
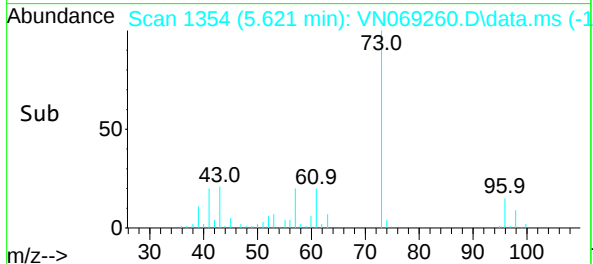
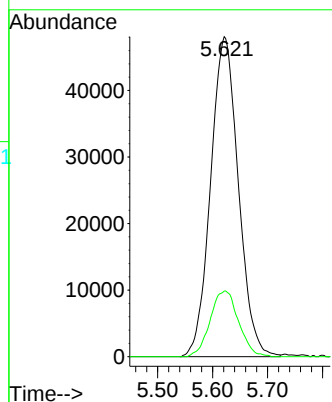
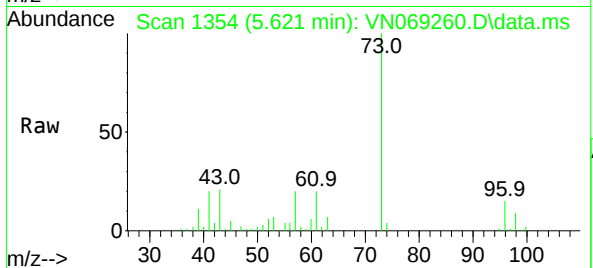


#19

Methyl tert-butyl Ether  
 Concen: 19.888 ug/l  
 RT: 5.621 min Scan# 1354  
 Delta R.T. 0.006 min  
 Lab File: VN069260.D  
 Acq: 28 Oct 2021 19:44

Instrument :  
 MSVOA\_D  
 ClientSampled :

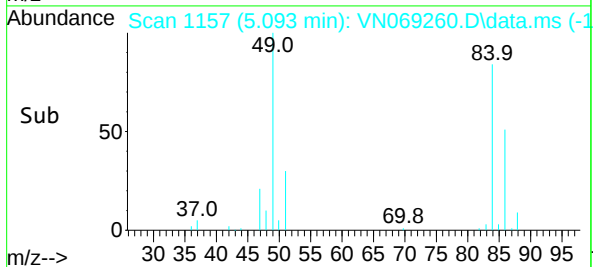
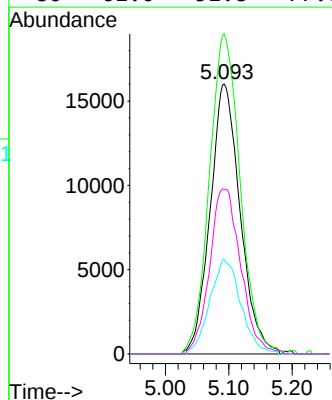
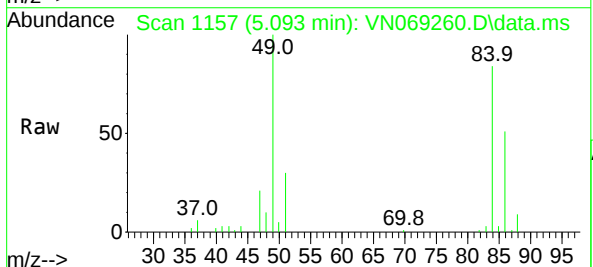
Tgt Ion: 73 Resp: 168638  
 Ion Ratio Lower Upper  
 73 100  
 57 20.5 17.3 25.9

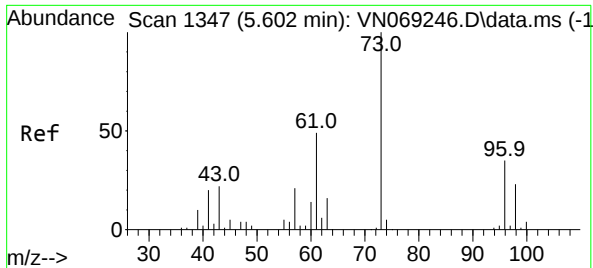


#20

Methylene Chloride  
 Concen: 18.625 ug/l  
 RT: 5.093 min Scan# 1157  
 Delta R.T. -0.002 min  
 Lab File: VN069260.D  
 Acq: 28 Oct 2021 19:44

Tgt Ion: 84 Resp: 52644  
 Ion Ratio Lower Upper  
 84 100  
 49 118.5 97.6 146.4  
 51 35.0 30.3 45.5  
 86 61.0 51.8 77.6

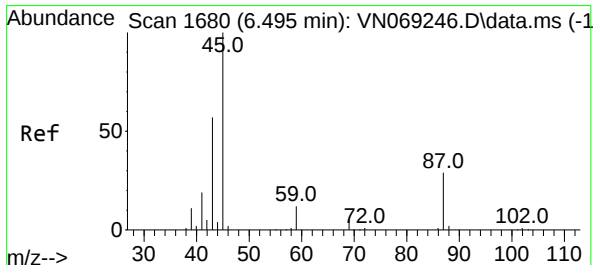
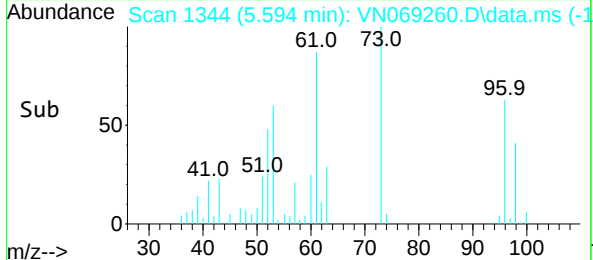
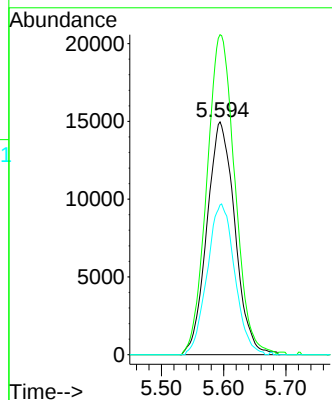
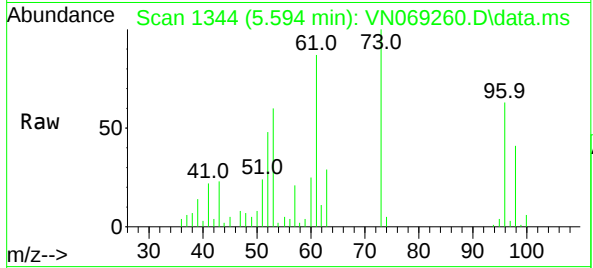




#21  
trans-1,2-Dichloroethene  
Concen: 19.200 ug/l  
RT: 5.594 min Scan# 1344  
Delta R.T. -0.008 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

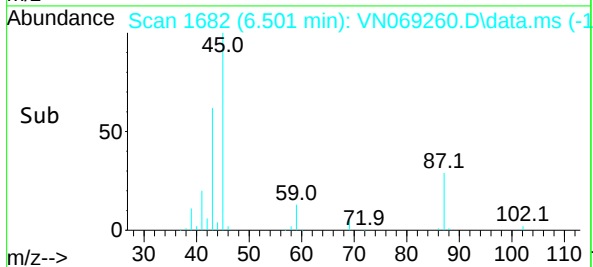
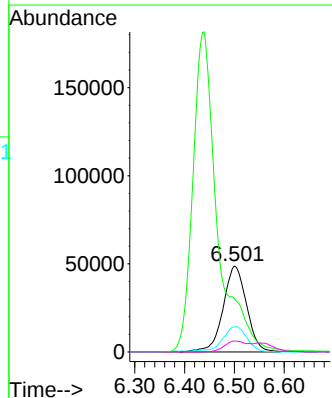
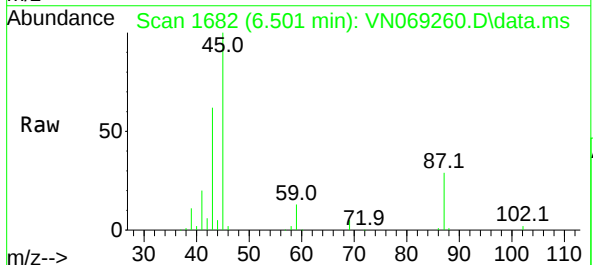
Instrument :  
MSVOA\_D  
ClientSampled :

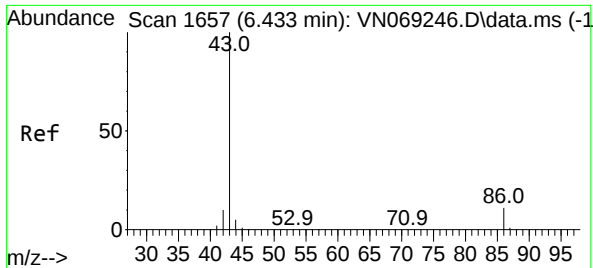
Tgt Ion: 96 Resp: 46723  
Ion Ratio Lower Upper  
96 100  
61 137.5 112.4 168.6  
98 64.4 52.0 78.0



#22  
Diisopropyl ether  
Concen: 18.502 ug/l  
RT: 6.501 min Scan# 1682  
Delta R.T. 0.006 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 45 Resp: 159398  
Ion Ratio Lower Upper  
45 100  
43 58.9 48.0 72.0  
87 29.1 23.4 35.0  
59 12.8 9.5 14.3

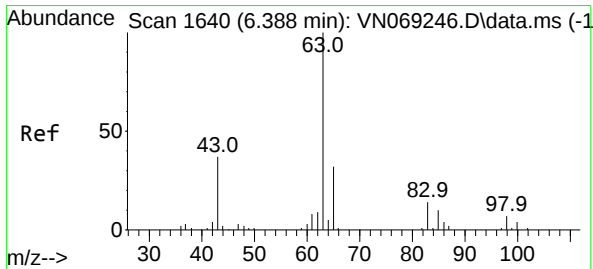
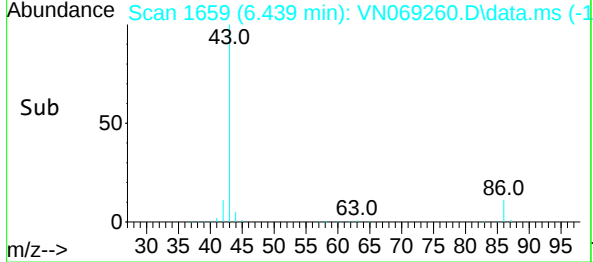
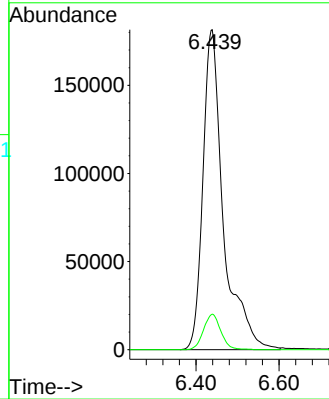
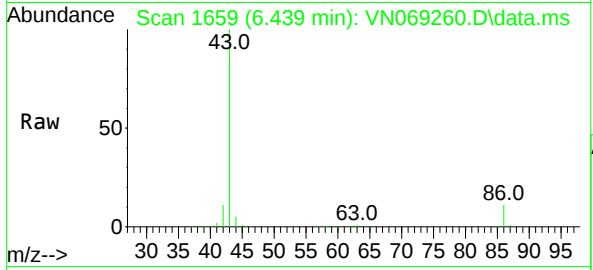




#23  
 Vinyl Acetate  
 Concen: 92.240 ug/l  
 RT: 6.439 min Scan# 1659  
 Delta R.T. 0.006 min  
 Lab File: VN069260.D  
 Acq: 28 Oct 2021 19:44

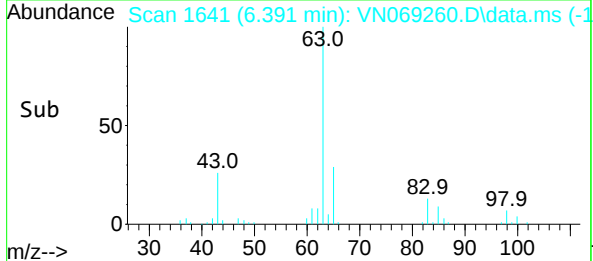
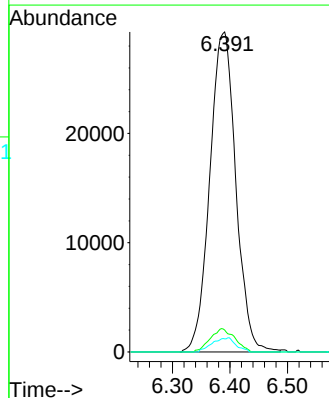
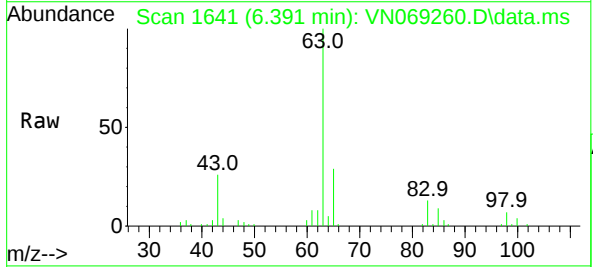
Instrument :  
 MSVOA\_D  
 ClientSampled :

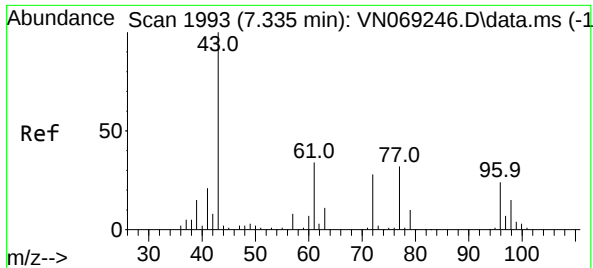
Tgt Ion: 43 Resp: 620229  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.3 12.5



#24  
 1,1-Dichloroethane  
 Concen: 20.227 ug/l  
 RT: 6.391 min Scan# 1641  
 Delta R.T. 0.003 min  
 Lab File: VN069260.D  
 Acq: 28 Oct 2021 19:44

Tgt Ion: 63 Resp: 92165  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.4  
 100 4.1 2.1 6.5

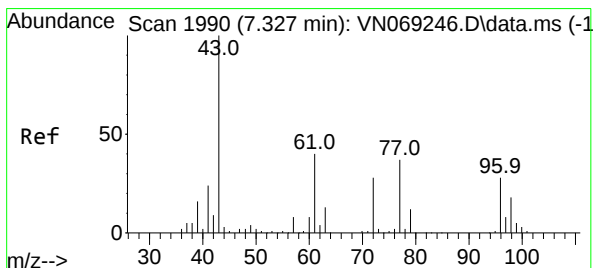
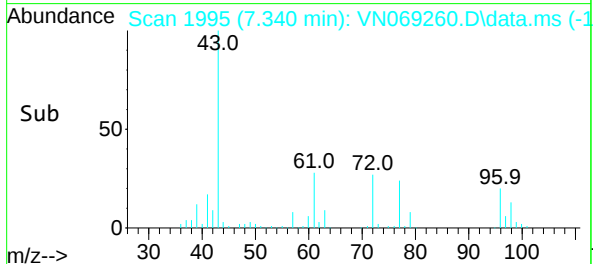
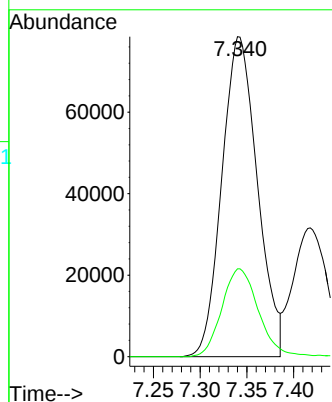
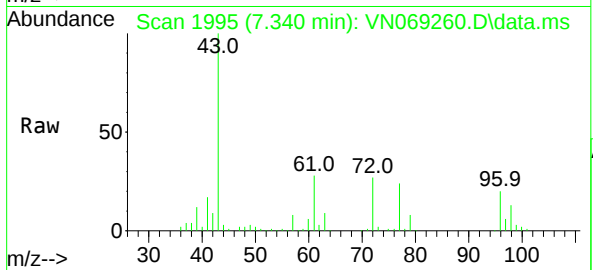




#25  
2-Butanone  
Concen: 92.917 ug/l  
RT: 7.340 min Scan# 1995  
Delta R.T. 0.005 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

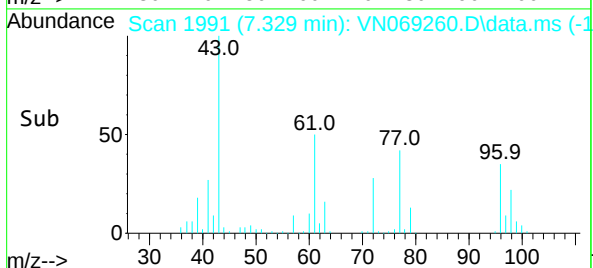
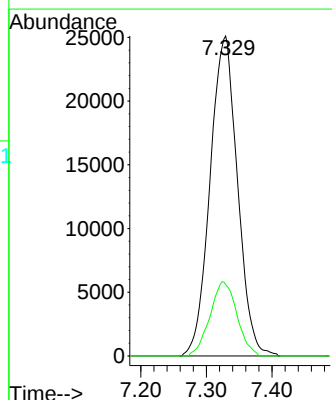
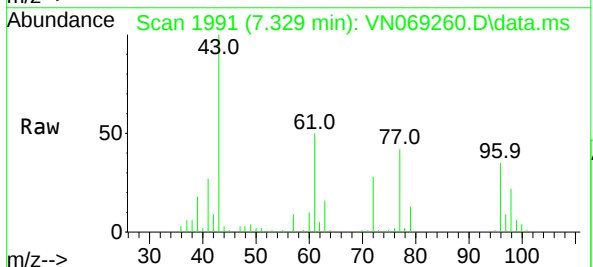
Instrument :  
MSVOA\_D  
ClientSampled :

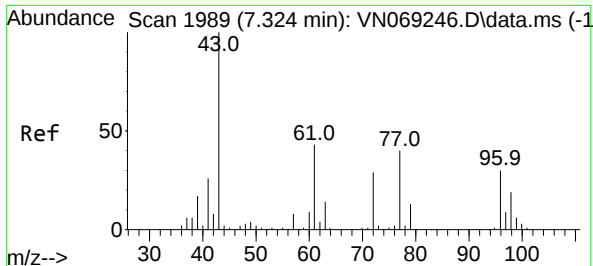
Tgt Ion: 43 Resp: 207517  
Ion Ratio Lower Upper  
43 100  
72 27.4 21.2 31.8



#26  
2,2-Dichloropropane  
Concen: 16.843 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.002 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 77 Resp: 72831  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.2 33.6



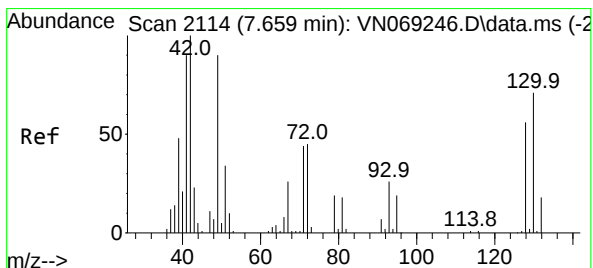
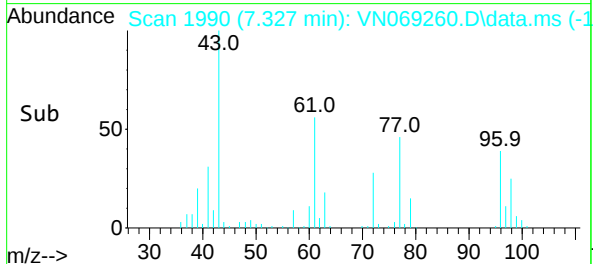
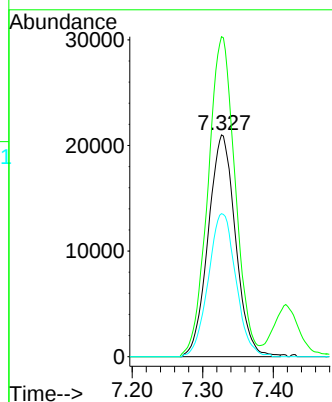
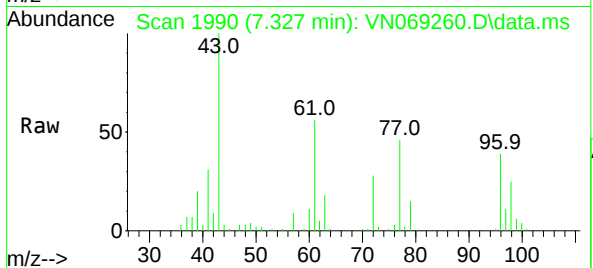


#27

cis-1,2-Dichloroethene  
Concen: 19.655 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Instrument :  
MSVOA\_D  
ClientSampleId :

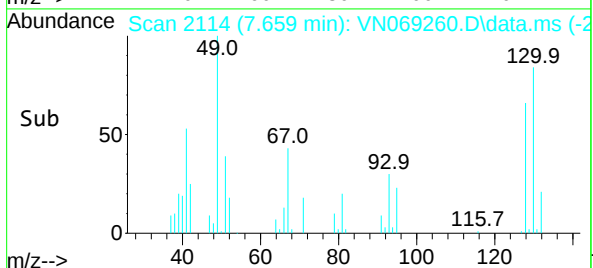
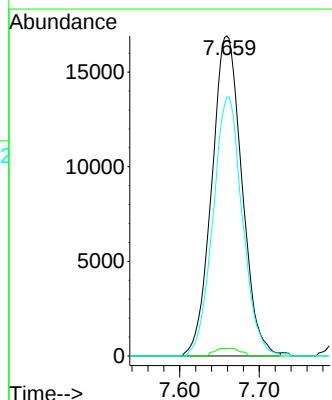
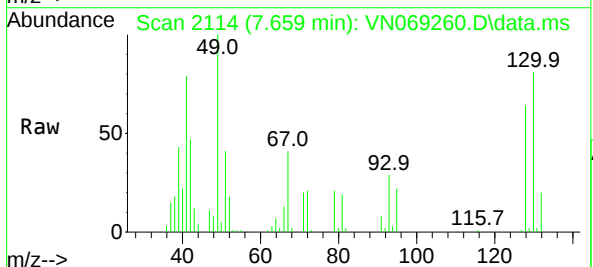
Tgt Ion: 96 Resp: 56513  
Ion Ratio Lower Upper  
96 100  
61 143.5 0.0 290.6  
98 65.0 0.0 127.2

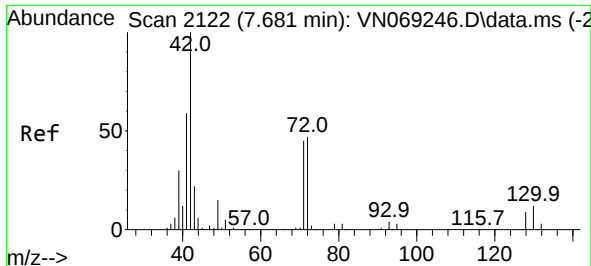


#28

Bromochloromethane  
Concen: 19.515 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 49 Resp: 44551  
Ion Ratio Lower Upper  
49 100  
129 0.9 0.0 4.4  
130 78.8 60.8 91.2





#29

Tetrahydrofuran

Concen: 96.280 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.008 min

Lab File: VN069260.D

Acq: 28 Oct 2021 19:44

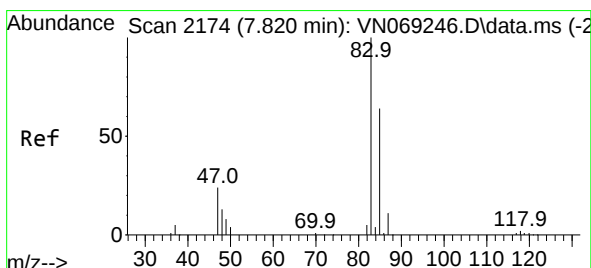
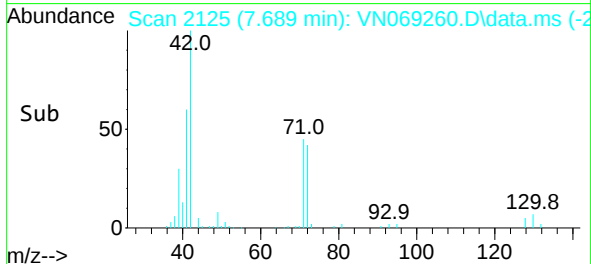
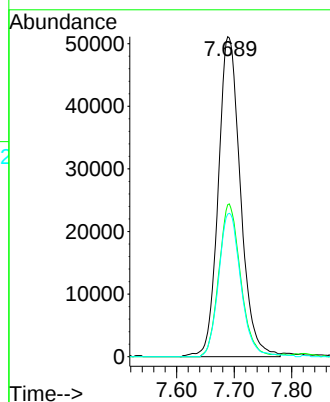
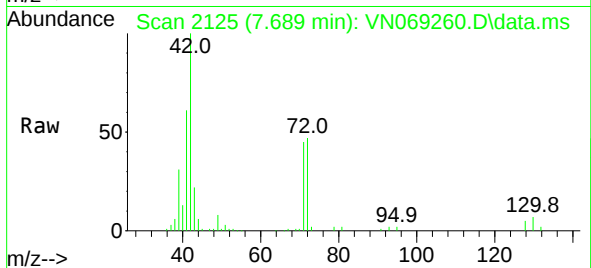
Tgt Ion: 42 Resp: 137110

Ion Ratio Lower Upper

42 100

72 46.6 35.4 53.2

71 44.5 33.8 50.6



#30

Chloroform

Concen: 19.584 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069260.D

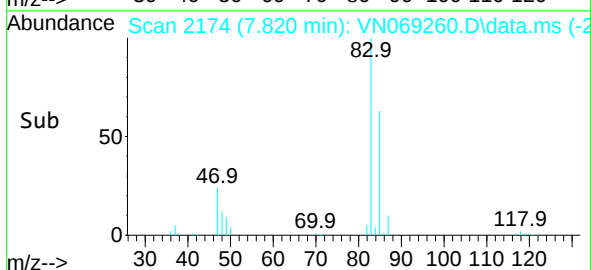
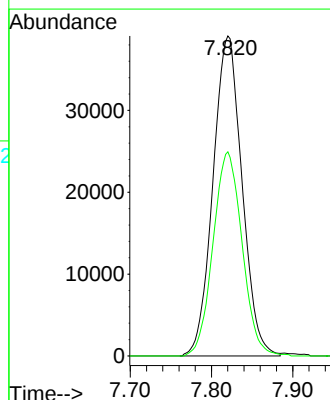
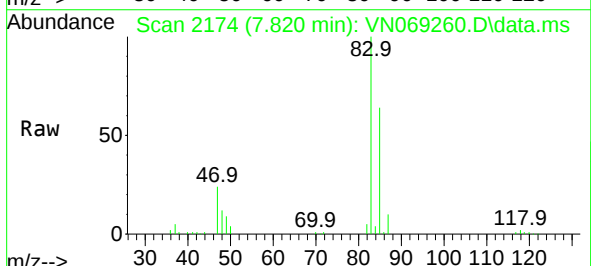
Acq: 28 Oct 2021 19:44

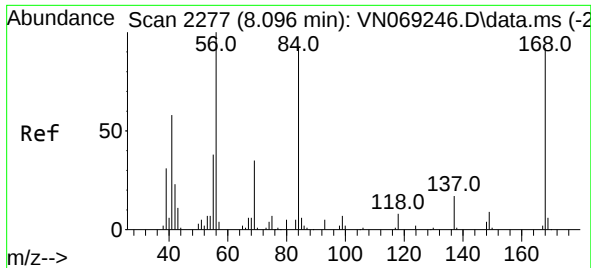
Tgt Ion: 83 Resp: 97005

Ion Ratio Lower Upper

83 100

85 63.8 51.1 76.7

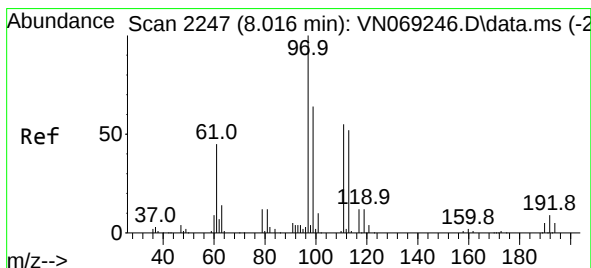
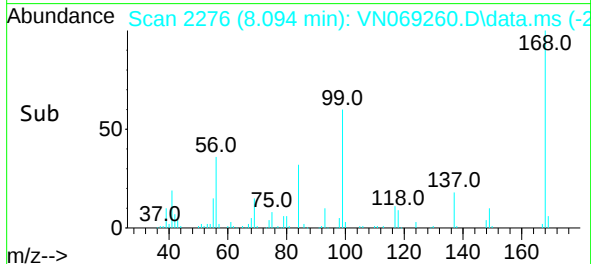
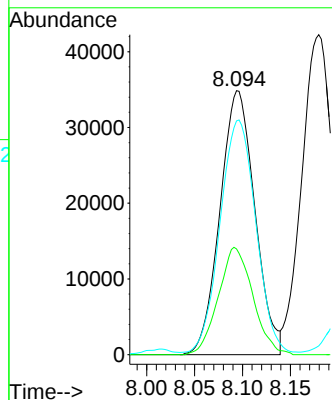
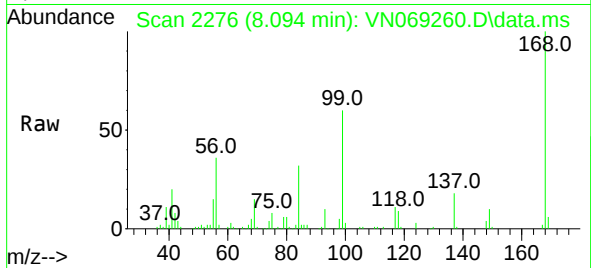




#31  
Cyclohexane  
Concen: 19.087 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.002 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

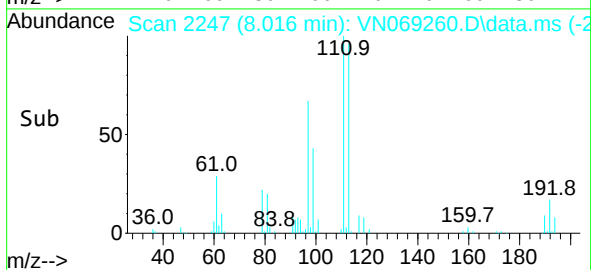
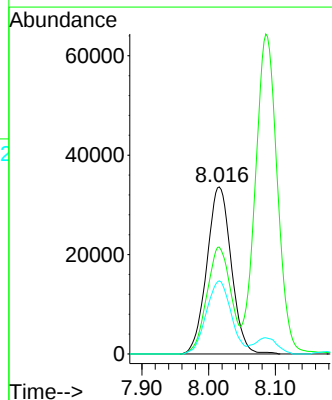
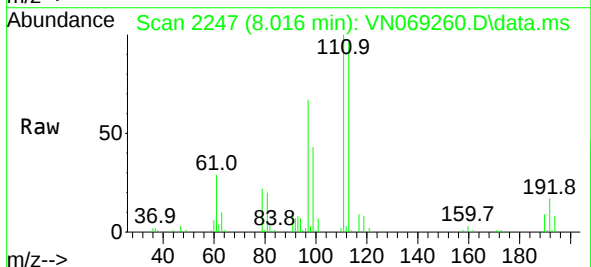
Instrument :  
MSVOA\_D  
ClientSampled :

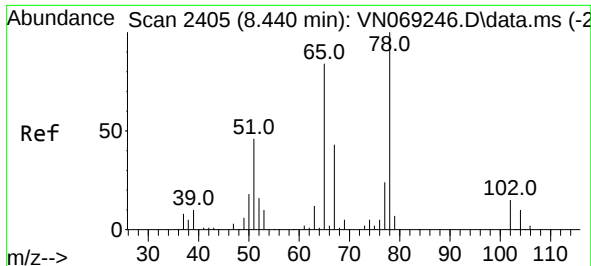
Tgt Ion: 56 Resp: 88356  
Ion Ratio Lower Upper  
56 100  
69 40.0 26.9 40.3  
84 87.7 67.6 101.4



#32  
1,1,1-Trichloroethane  
Concen: 18.209 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 97 Resp: 85543  
Ion Ratio Lower Upper  
97 100  
99 63.0 50.8 76.2  
61 44.3 34.6 51.8



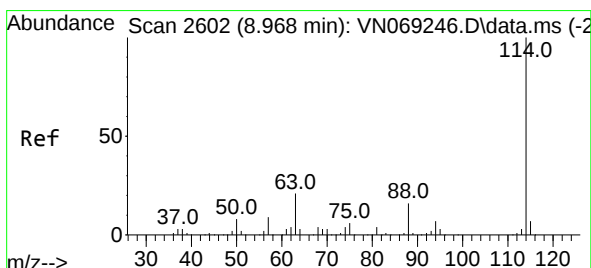
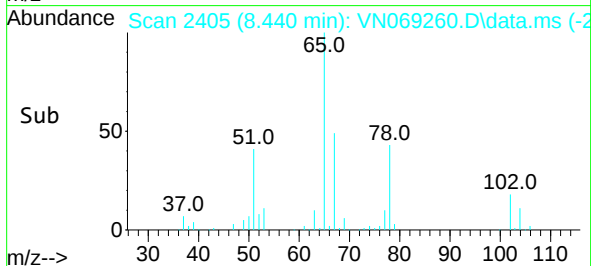
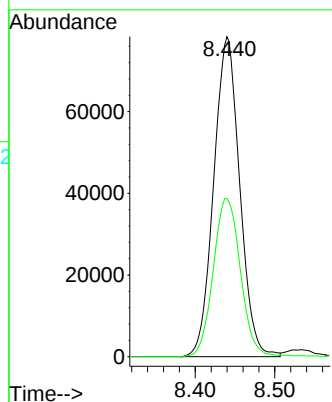
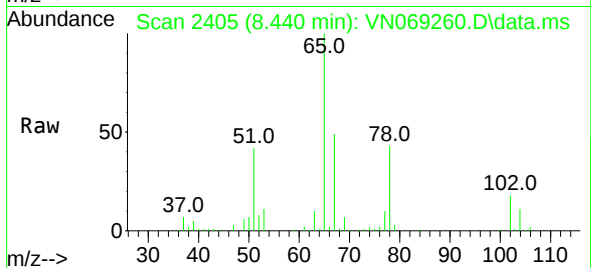


#33

1,2-Dichloroethane-d4  
Concen: 51.489 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Instrument :  
MSVOA\_D  
ClientSampled :

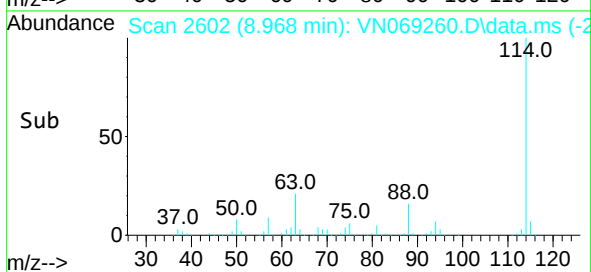
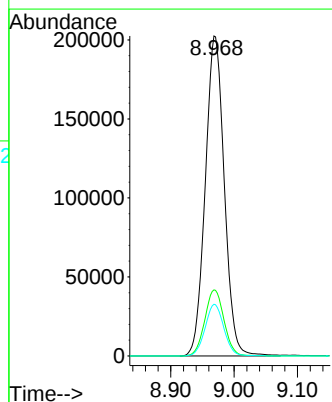
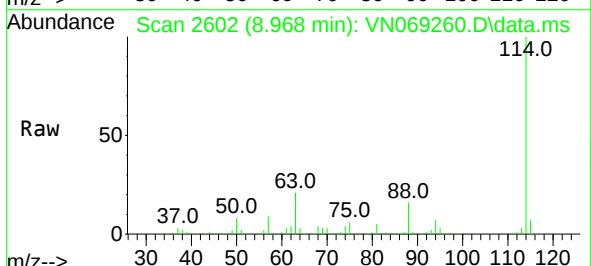
Tgt Ion: 65 Resp: 178088  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 103.8

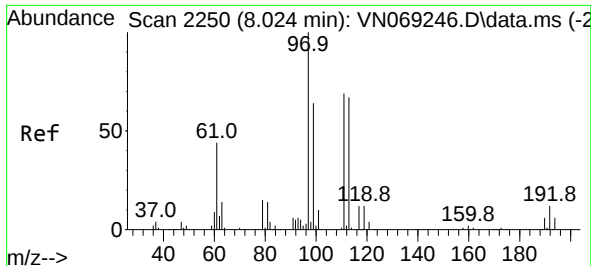


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 114 Resp: 422143  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 42.6  
88 16.2 0.0 32.0

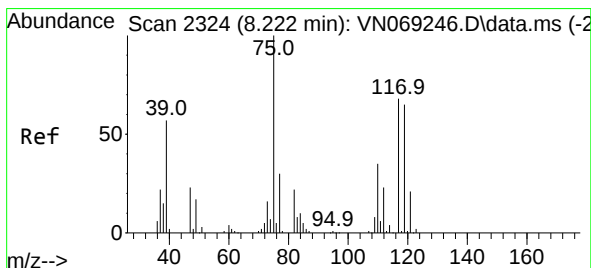
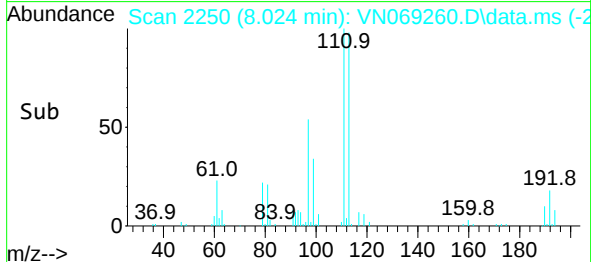
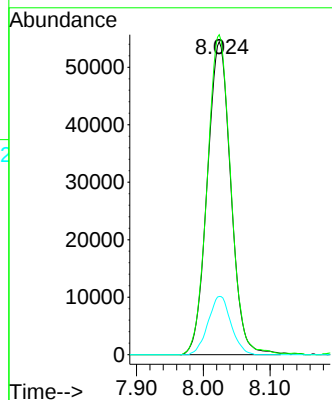
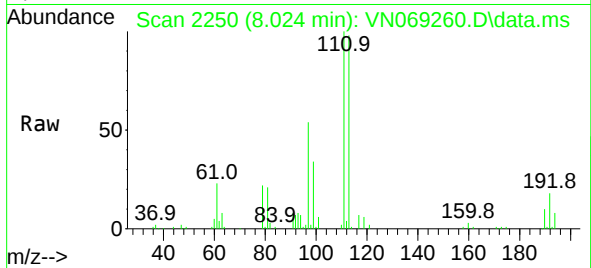




#35  
Dibromofluoromethane  
Concen: 50.785 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

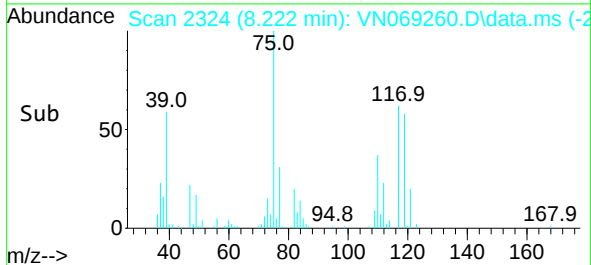
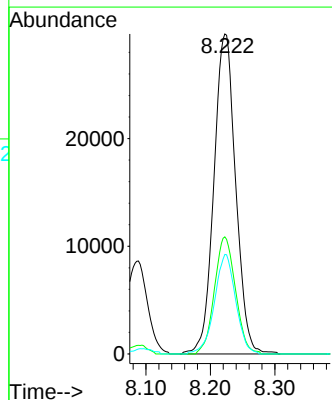
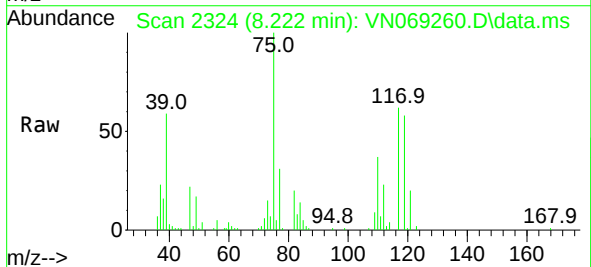
Instrument :  
MSVOA\_D  
ClientSampled :

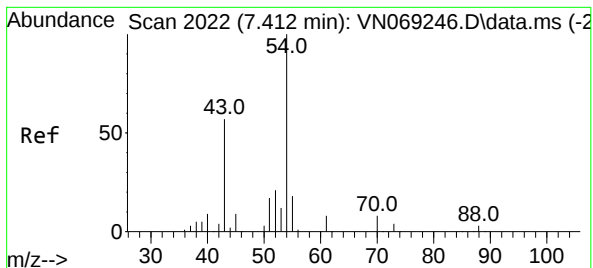
Tgt Ion:113 Resp: 133641  
Ion Ratio Lower Upper  
113 100  
111 102.2 83.2 124.8  
192 18.1 15.0 22.4



#36  
1,1-Dichloropropene  
Concen: 19.201 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 75 Resp: 69881  
Ion Ratio Lower Upper  
75 100  
110 35.3 17.9 53.8  
77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 19.755 ug/l

RT: 7.418 min Scan# 2024

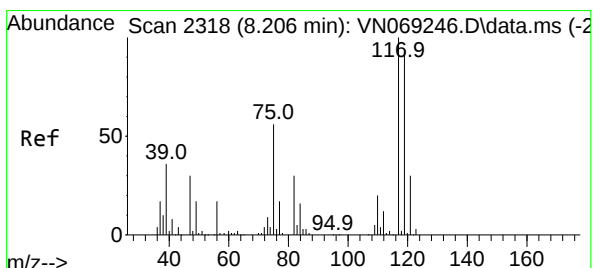
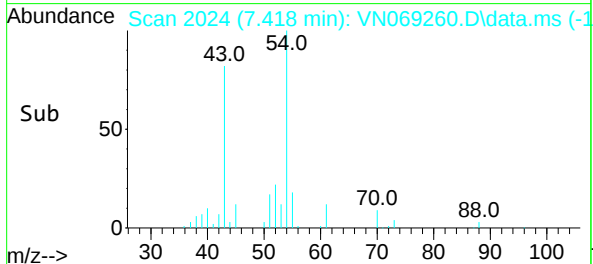
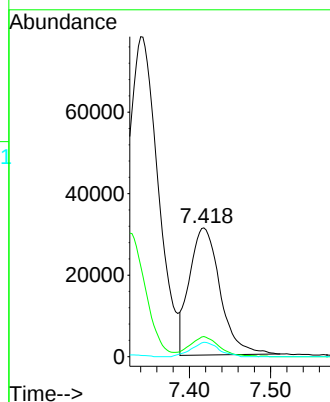
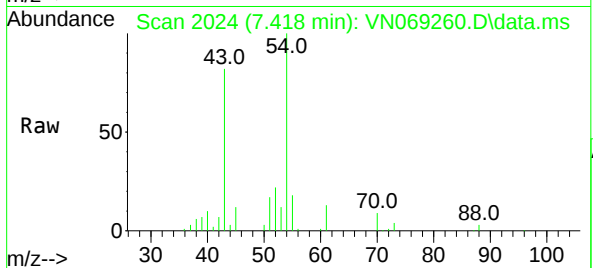
Delta R.T. 0.006 min

Lab File: VN069260.D

Acq: 28 Oct 2021 19:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 81928 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.3  | 11.2  | 16.8  |
| 70       | 10.1  | 8.4   | 12.6  |

Instrument :  
MSVOA\_D  
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 17.596 ug/l

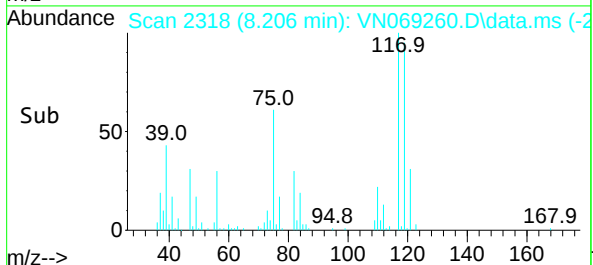
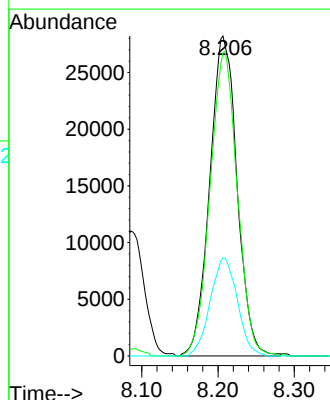
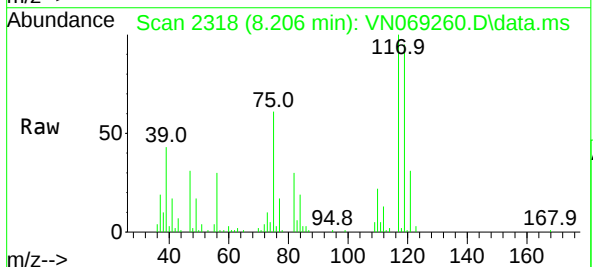
RT: 8.206 min Scan# 2318

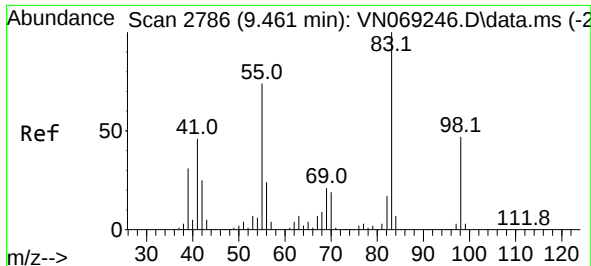
Delta R.T. 0.000 min

Lab File: VN069260.D

Acq: 28 Oct 2021 19:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 70218 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.7  | 76.9  | 115.3 |
| 121      | 30.7  | 24.6  | 37.0  |

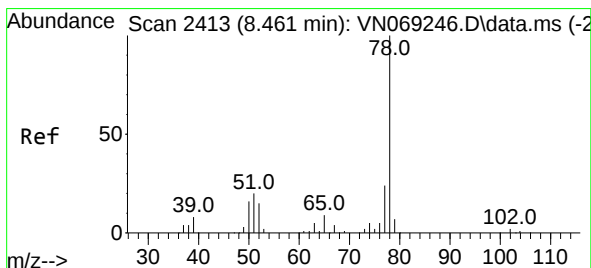
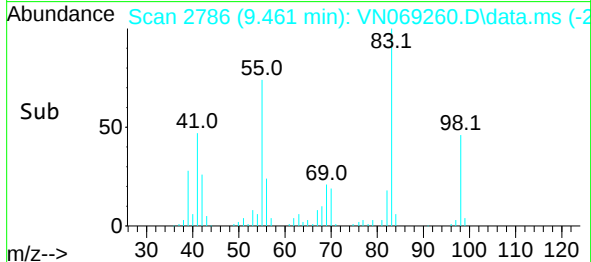
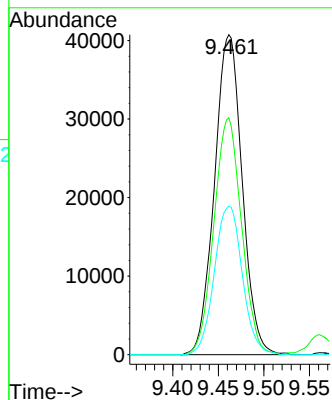
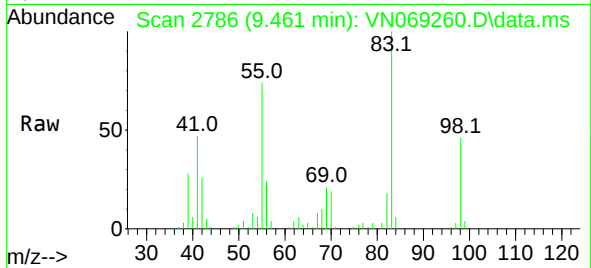




#39  
Methylcyclohexane  
Concen: 19.108 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

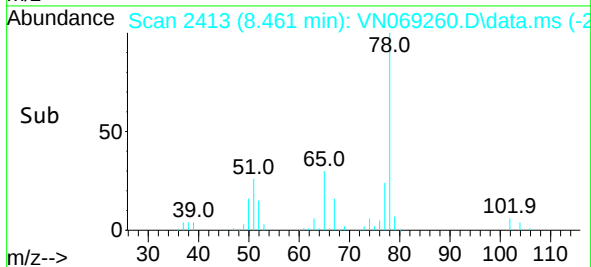
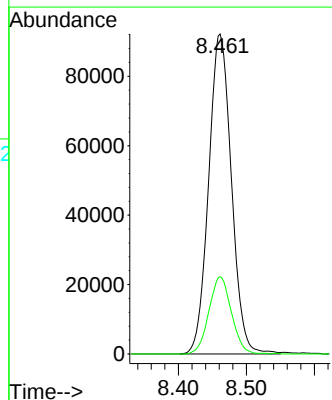
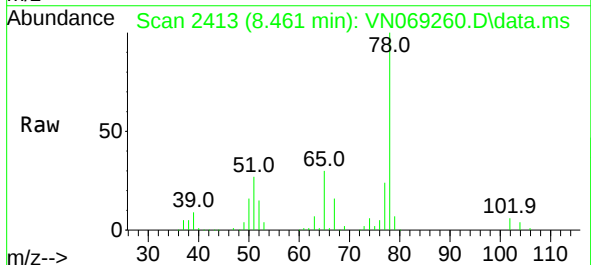
Instrument :  
MSVOA\_D  
ClientSampleId :

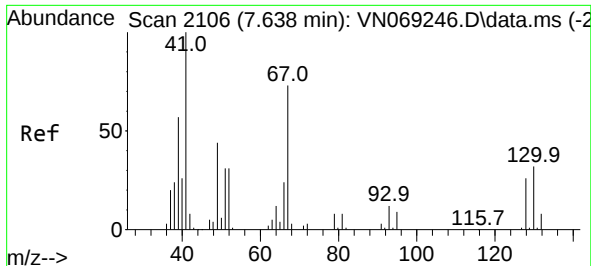
Tgt Ion: 83 Resp: 86104  
Ion Ratio Lower Upper  
83 100  
55 74.1 61.4 92.0  
98 46.4 36.4 54.6



#40  
Benzene  
Concen: 19.609 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 78 Resp: 214647  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.1 28.7



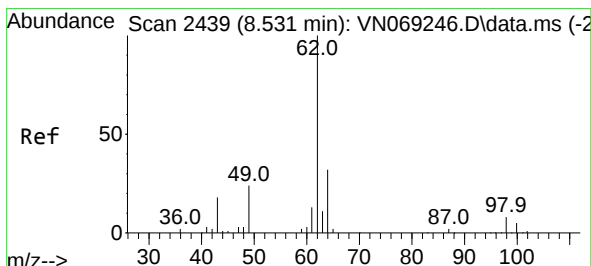
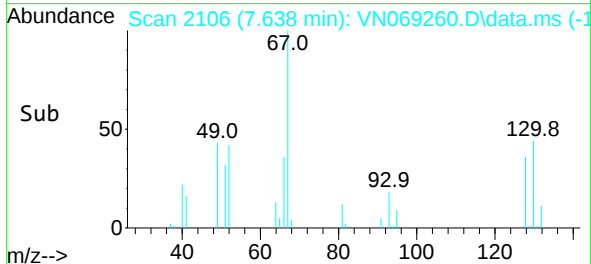
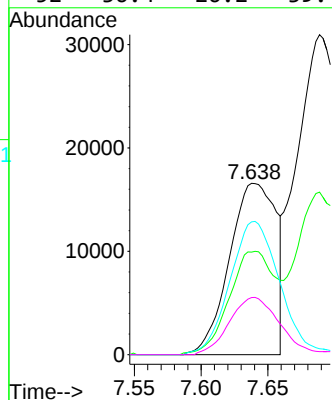
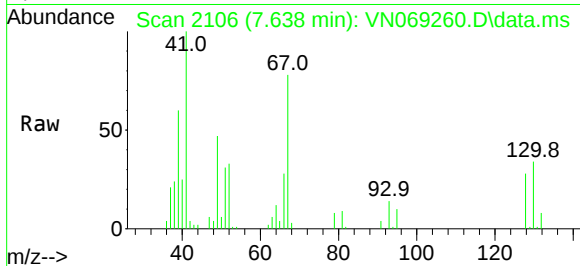


#41  
Methacrylonitrile  
Concen: 19.669 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 41 Resp: 40215

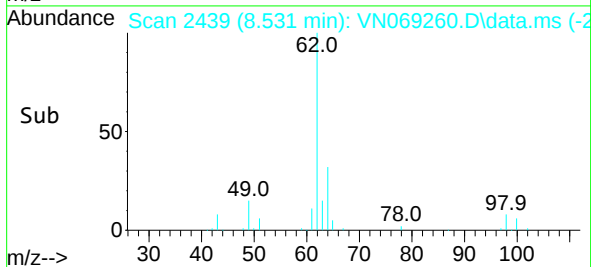
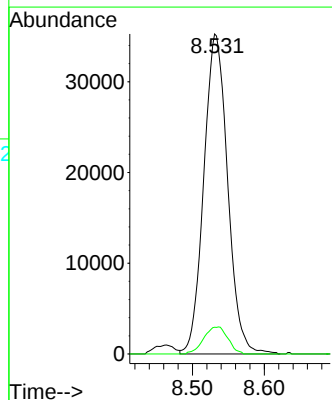
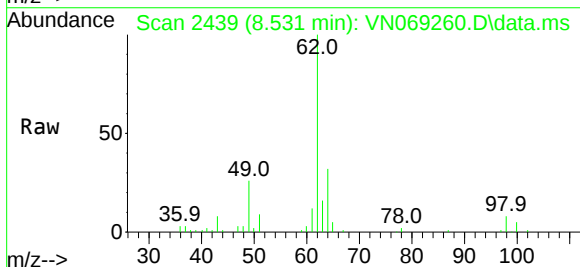
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 61.4  | 44.9  | 67.3  |
| 67  | 83.4  | 62.6  | 93.8  |
| 52  | 36.4  | 26.2  | 39.4  |

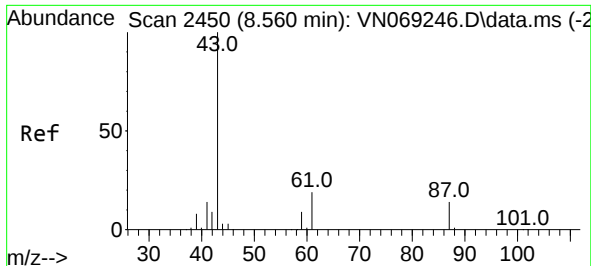


#42  
1,2-Dichloroethane  
Concen: 19.762 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 62 Resp: 81407

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.5   | 0.0   | 17.2  |

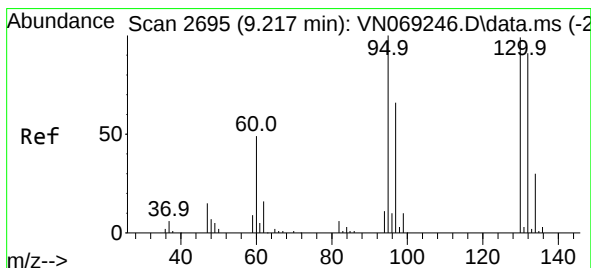
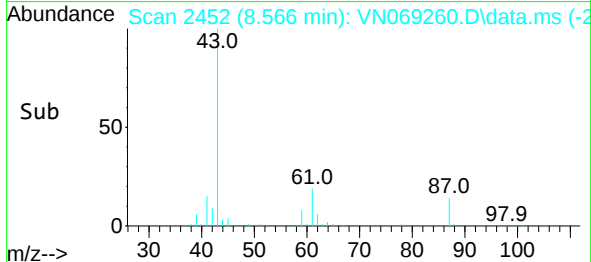
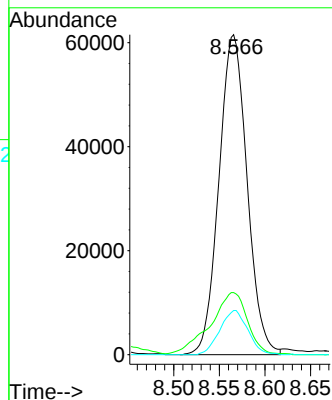
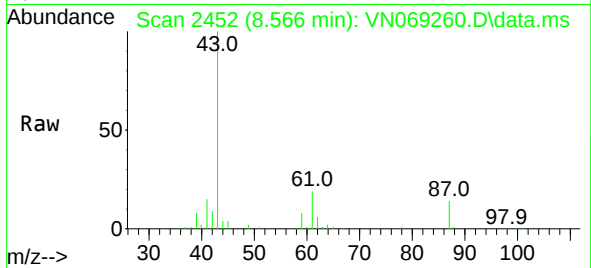




#43  
Isopropyl Acetate  
Concen: 18.568 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.006 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

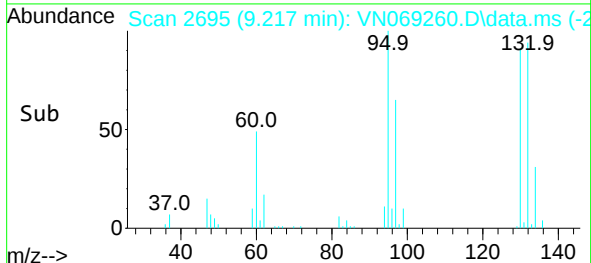
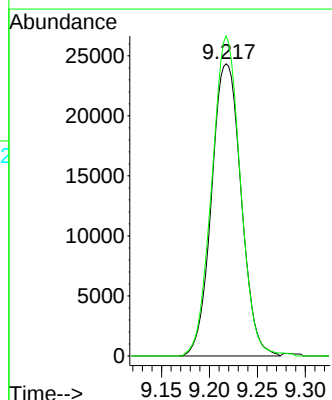
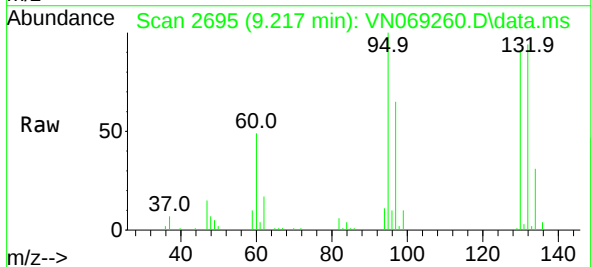
Instrument :  
MSVOA\_D  
ClientSampleId :

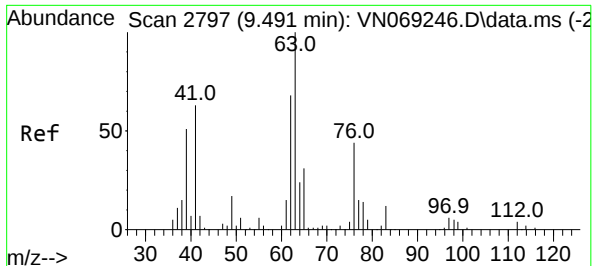
Tgt Ion: 43 Resp: 132193  
Ion Ratio Lower Upper  
43 100  
61 25.8 20.4 30.6  
87 13.8 10.7 16.1



#44  
Trichloroethene  
Concen: 18.917 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion:130 Resp: 52143  
Ion Ratio Lower Upper  
130 100  
95 109.5 0.0 208.0



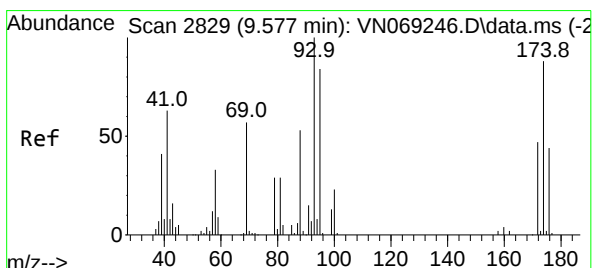
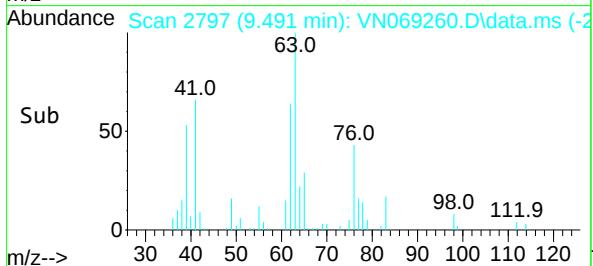
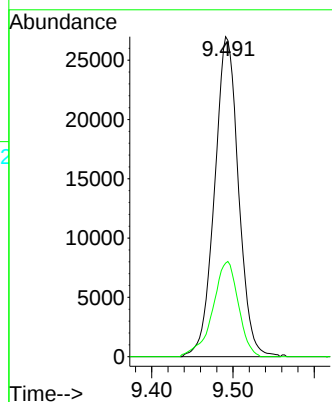
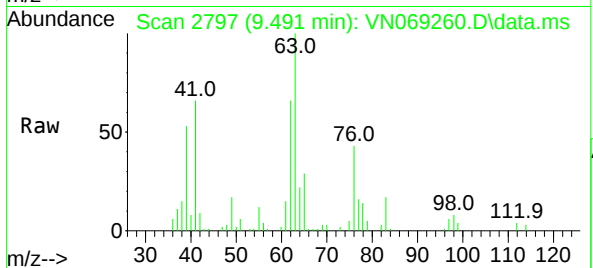


#45

1,2-Dichloropropane  
Concen: 19.809 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Instrument :  
MSVOA\_D  
ClientSampled :

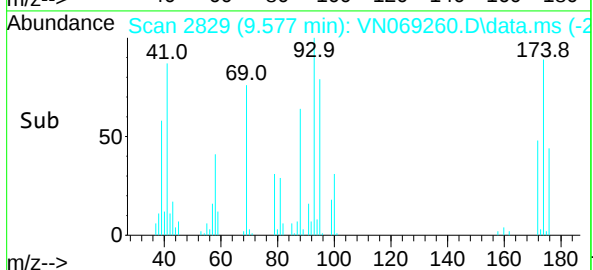
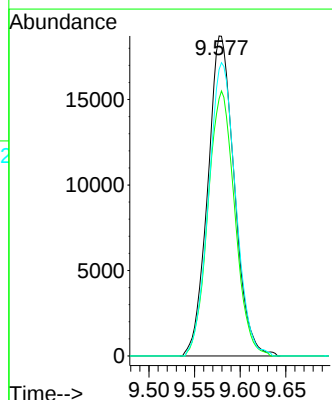
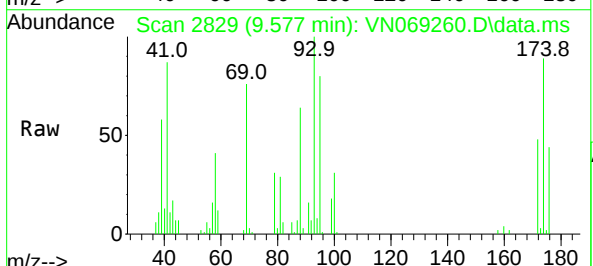
Tgt Ion: 63 Resp: 55204  
Ion Ratio Lower Upper  
63 100  
65 29.3 25.6 38.4

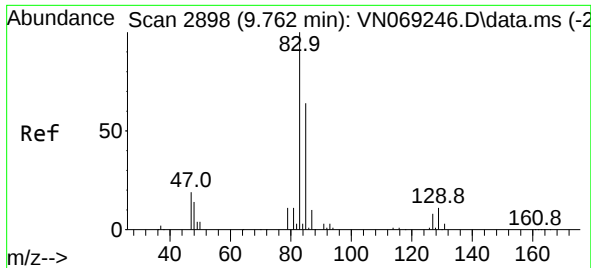


#46

Dibromomethane  
Concen: 19.159 ug/l  
RT: 9.577 min Scan# 2829  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 93 Resp: 37935  
Ion Ratio Lower Upper  
93 100  
95 83.3 66.5 99.7  
174 93.1 73.8 110.8

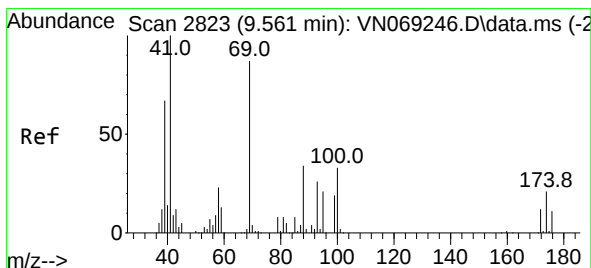
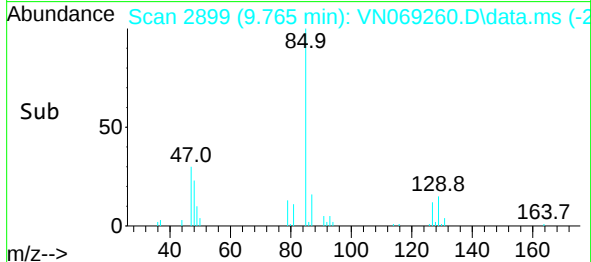
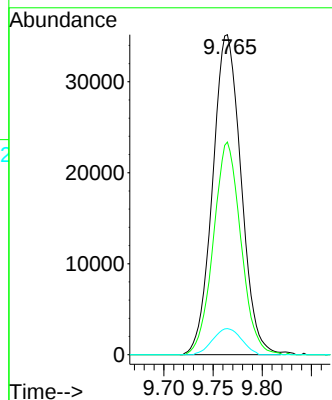
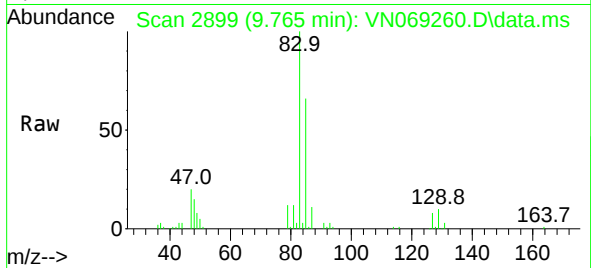




#47  
Bromodichloromethane  
Concen: 17.433 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

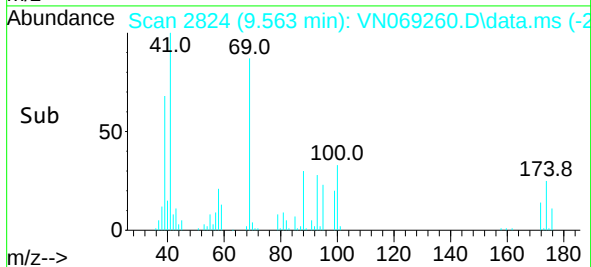
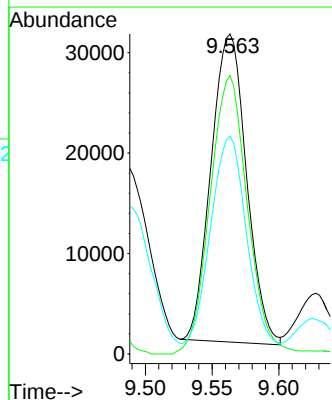
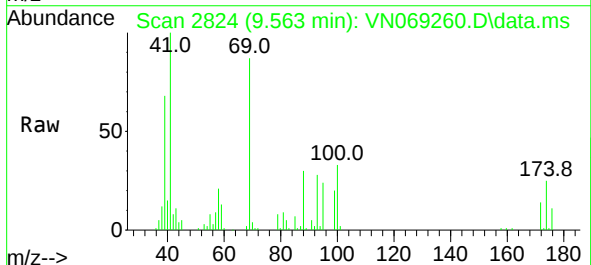
Instrument :  
MSVOA\_D  
ClientSampleId :

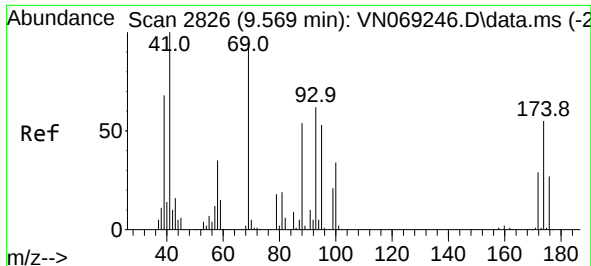
Tgt Ion: 83 Resp: 70794  
Ion Ratio Lower Upper  
83 100  
85 66.4 50.7 76.1  
127 8.2 6.5 9.7



#48  
Methyl methacrylate  
Concen: 18.083 ug/l  
RT: 9.563 min Scan# 2824  
Delta R.T. 0.002 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 41 Resp: 56602  
Ion Ratio Lower Upper  
41 100  
69 95.4 66.4 99.6  
39 68.0 50.2 75.2





#49

1,4-Dioxane

Concen: 372.873 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.002 min

Lab File: VN069260.D

Acq: 28 Oct 2021 19:44

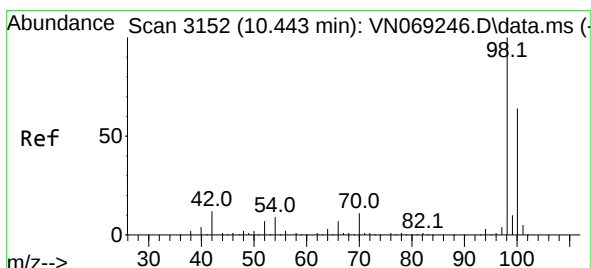
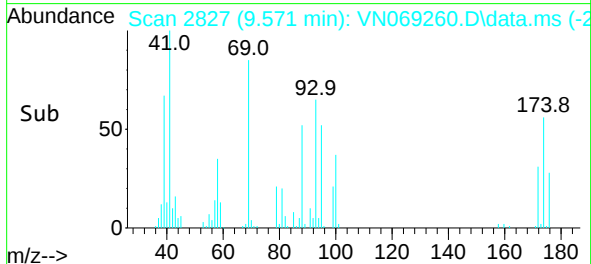
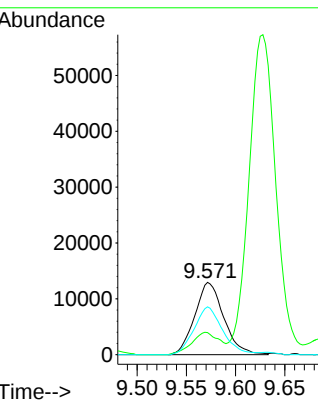
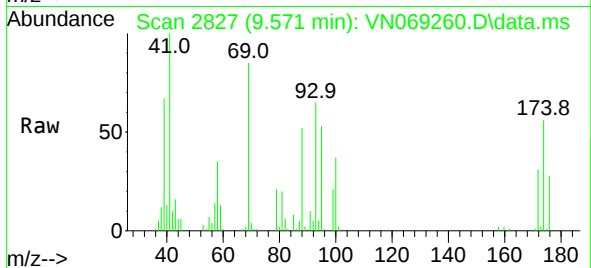
Tgt Ion: 88 Resp: 26552

Ion Ratio Lower Upper

88 100

43 29.4 24.9 37.3

58 65.2 56.9 85.3



#50

Toluene-d8

Concen: 50.716 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN069260.D

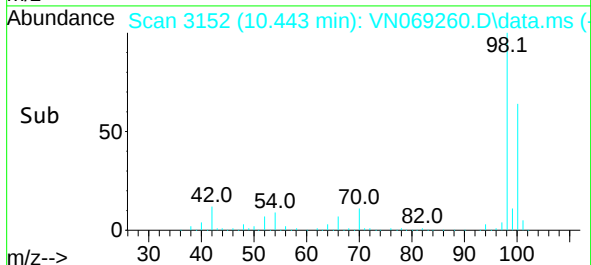
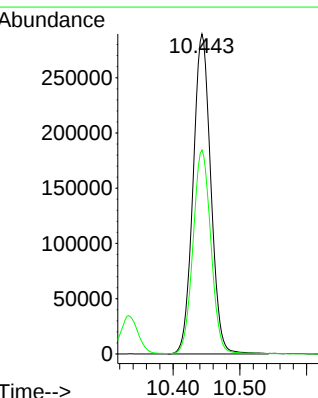
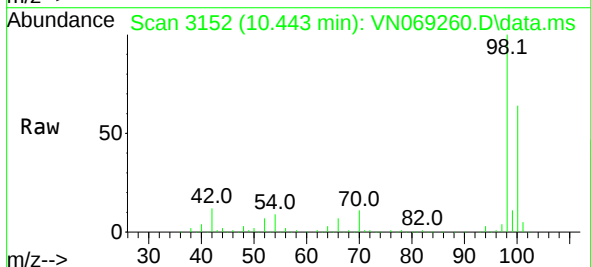
Acq: 28 Oct 2021 19:44

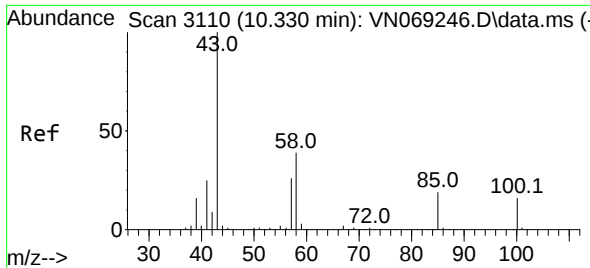
Tgt Ion: 98 Resp: 533608

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3

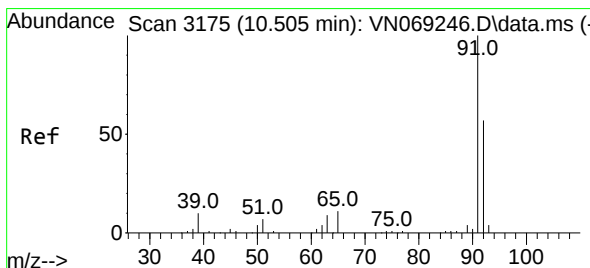
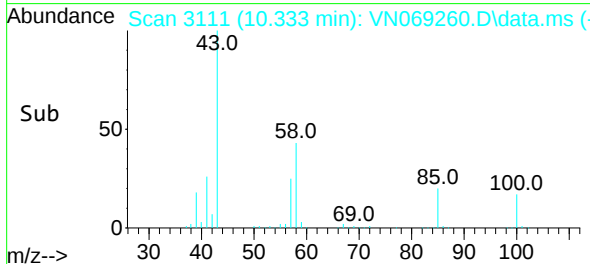
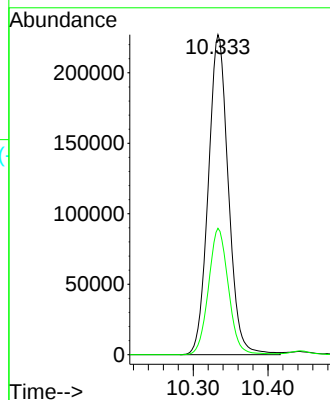
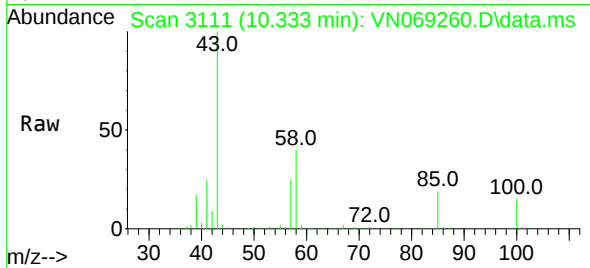




#51  
4-Methyl-2-Pentanone  
Concen: 93.936 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

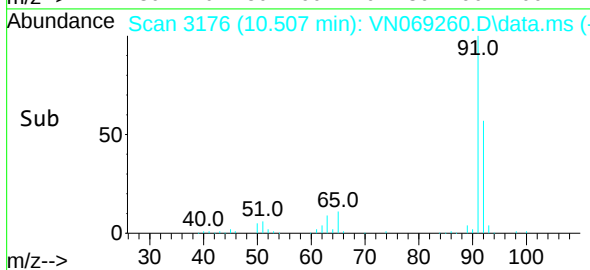
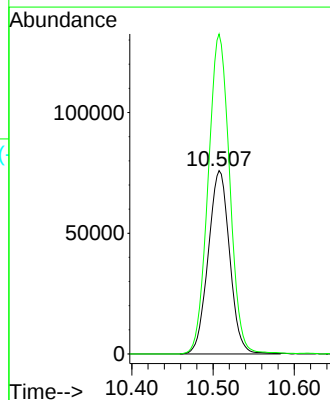
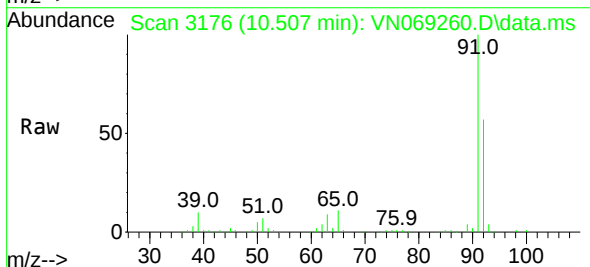
Instrument :  
MSVOA\_D  
ClientSampleId :

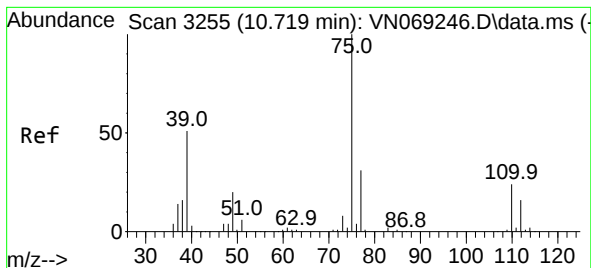
Tgt Ion: 43 Resp: 422930  
Ion Ratio Lower Upper  
43 100  
58 39.2 31.0 46.4



#52  
Toluene  
Concen: 19.354 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.002 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 92 Resp: 138940  
Ion Ratio Lower Upper  
92 100  
91 175.6 138.5 207.7

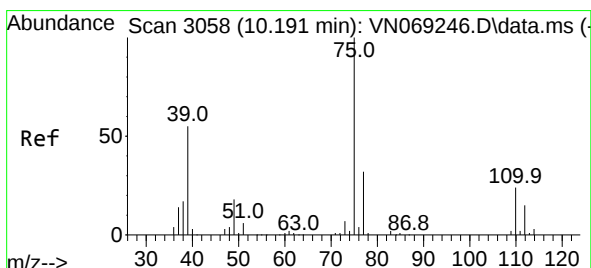
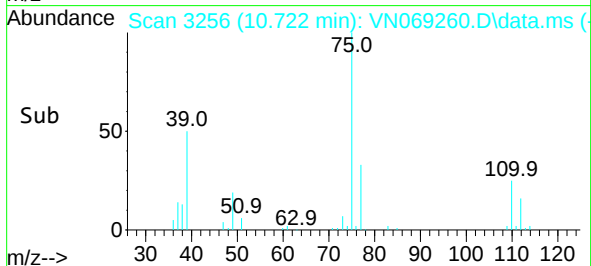
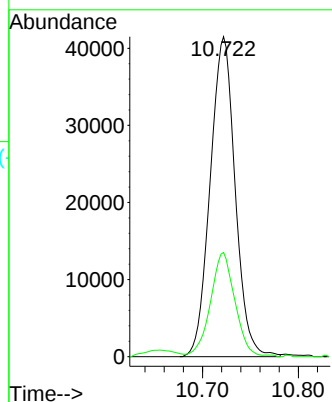
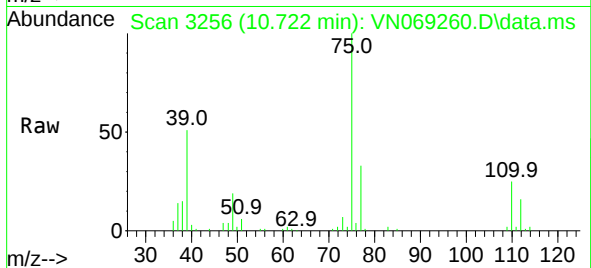




#53  
t-1,3-Dichloropropene  
Concen: 16.920 ug/l  
RT: 10.722 min Scan# 3256  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

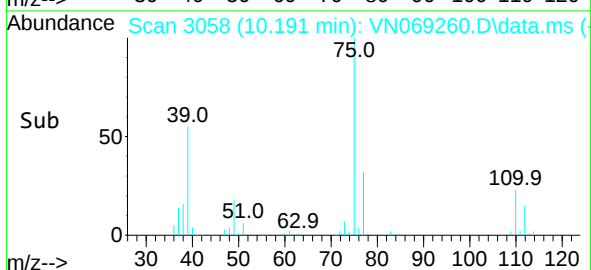
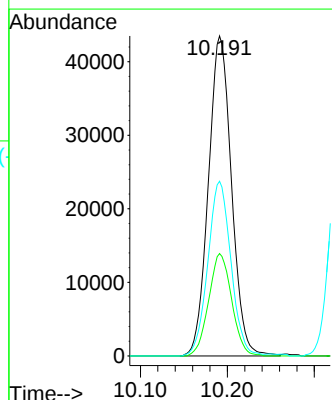
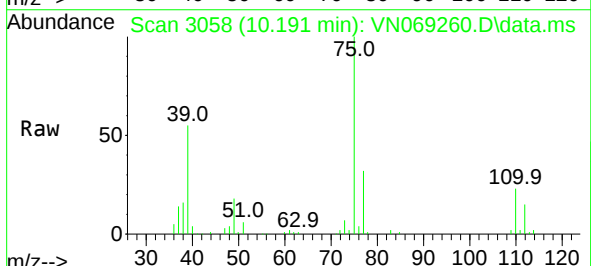
Instrument :  
MSVOA\_D  
ClientSampled :

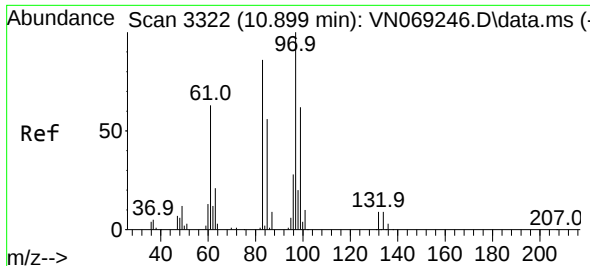
Tgt Ion: 75 Resp: 74964  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 17.138 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

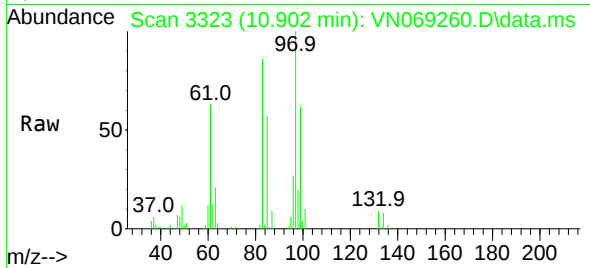
Tgt Ion: 75 Resp: 80401  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.6 38.4  
39 54.6 42.9 64.3



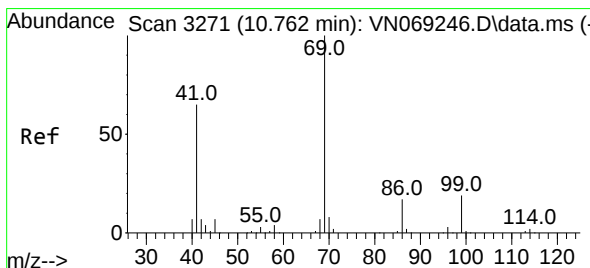
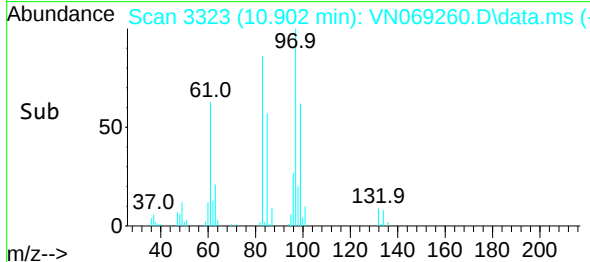
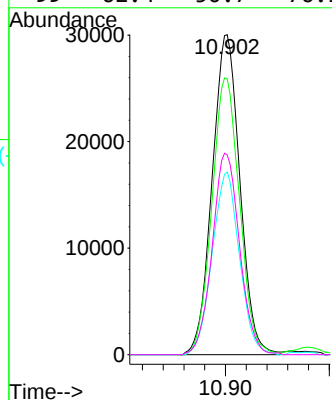


#55  
1,1,2-Trichloroethane  
Concen: 19.304 ug/l  
RT: 10.902 min Scan# 3323  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Instrument :  
MSVOA\_D  
ClientSampleId :

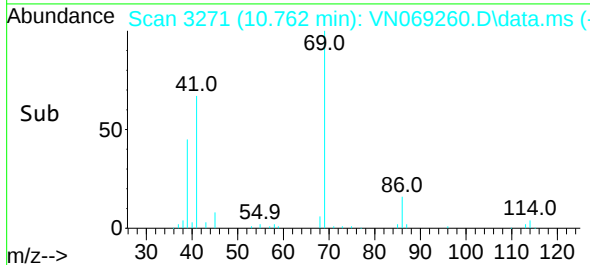
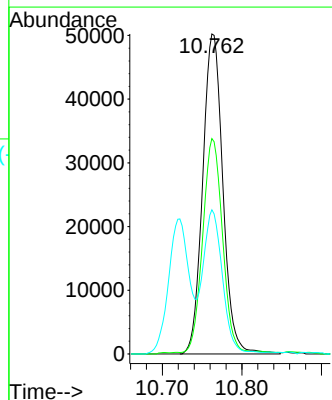
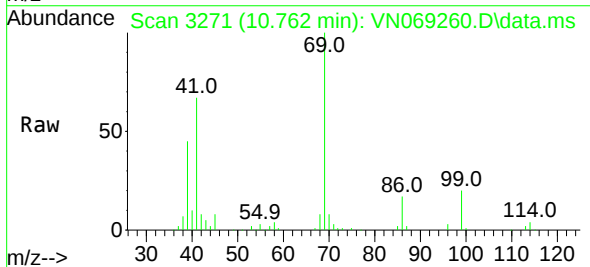


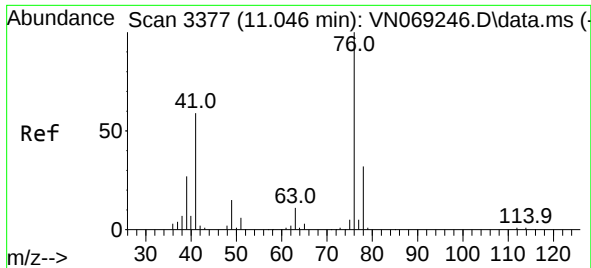
Tgt Ion: 97 Resp: 55597  
Ion Ratio Lower Upper  
97 100  
83 86.2 70.5 105.7  
85 57.1 45.3 67.9  
99 62.4 50.7 76.1



#56  
Ethyl methacrylate  
Concen: 17.880 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 69 Resp: 88691  
Ion Ratio Lower Upper  
69 100  
41 65.0 53.3 79.9  
39 42.0 33.3 49.9

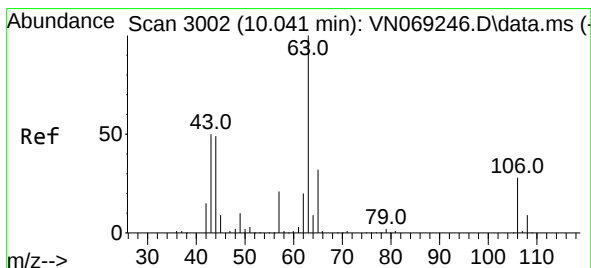
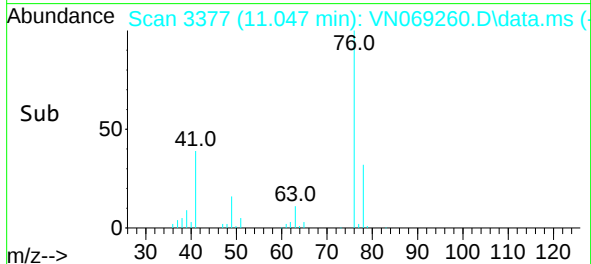
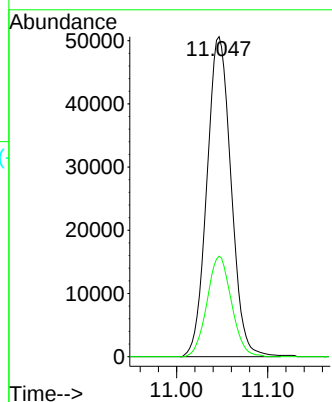
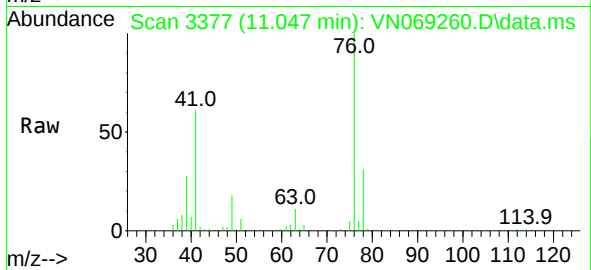




#57  
1,3-Dichloropropane  
Concen: 19.407 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. 0.001 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

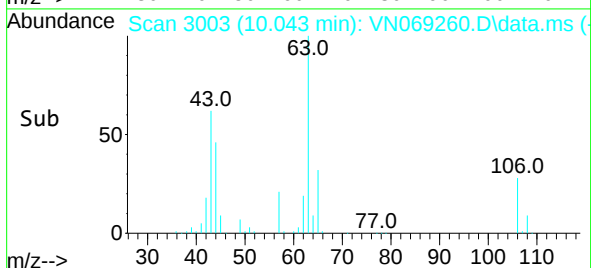
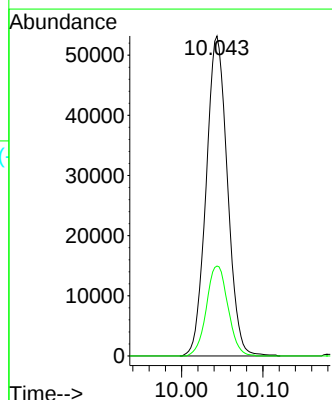
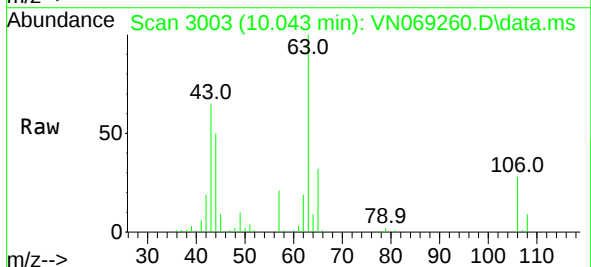
Instrument :  
MSVOA\_D  
ClientSampled :

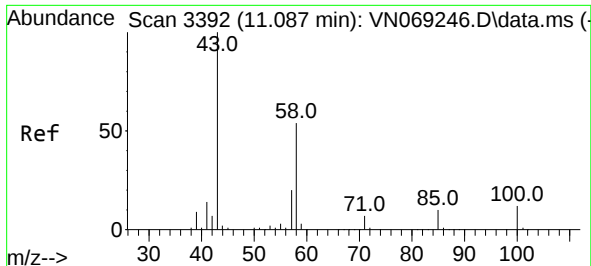
Tgt Ion: 76 Resp: 93244  
Ion Ratio Lower Upper  
76 100  
78 31.7 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 81.516 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.002 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 63 Resp: 96658  
Ion Ratio Lower Upper  
63 100  
106 28.5 22.2 33.2

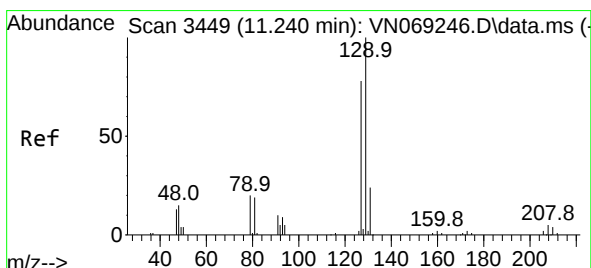
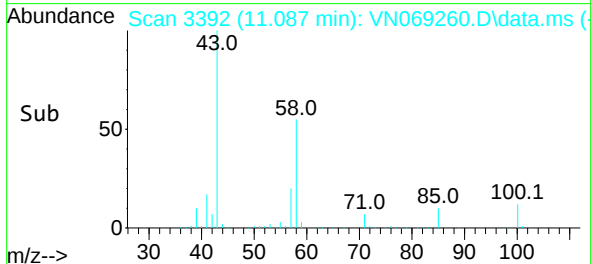
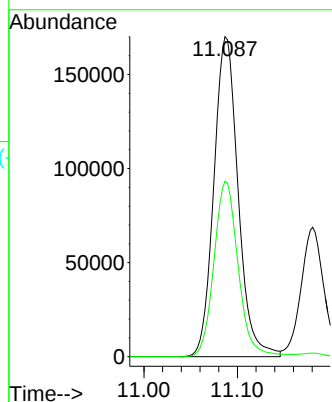
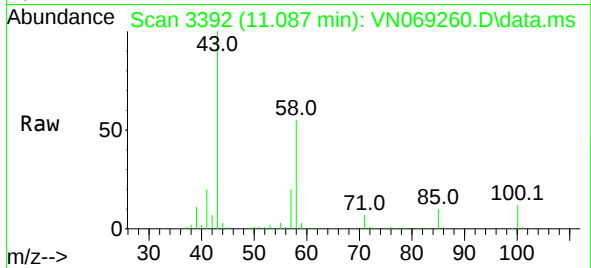




#59  
2-Hexanone  
Concen: 90.448 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

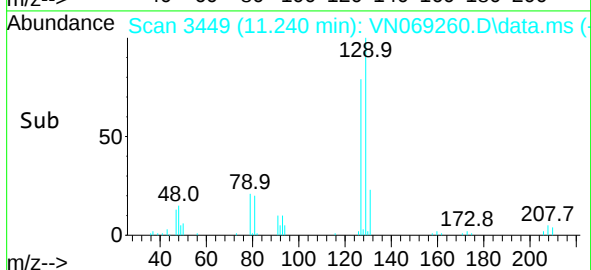
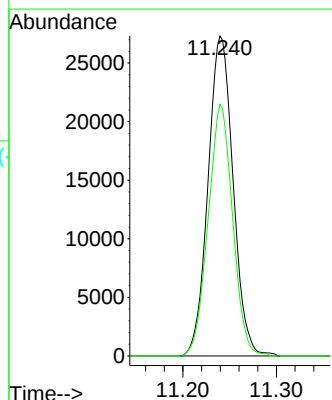
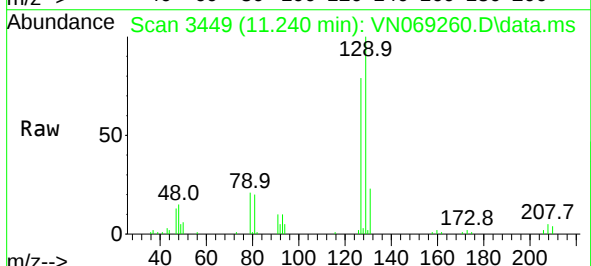
Instrument :  
MSVOA\_D  
ClientSampled :

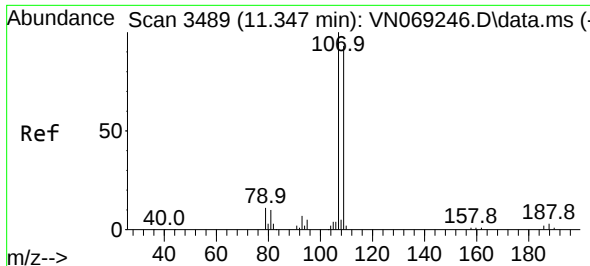
Tgt Ion: 43 Resp: 306614  
Ion Ratio Lower Upper  
43 100  
58 54.8 26.9 80.7



#60  
Dibromochloromethane  
Concen: 16.875 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 129 Resp: 50865  
Ion Ratio Lower Upper  
129 100  
127 77.0 39.1 117.2

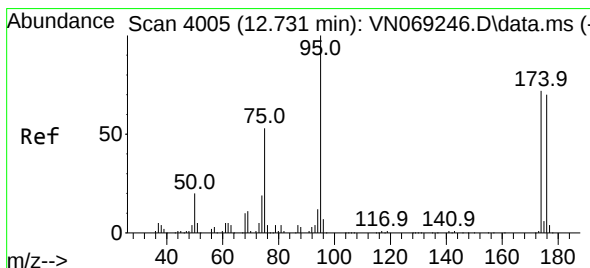
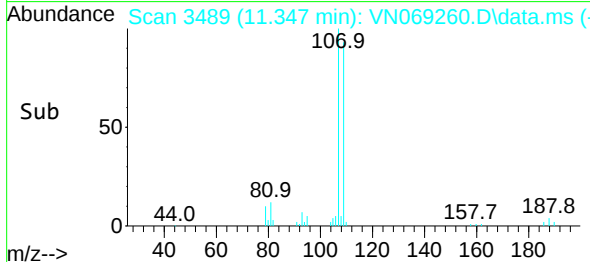
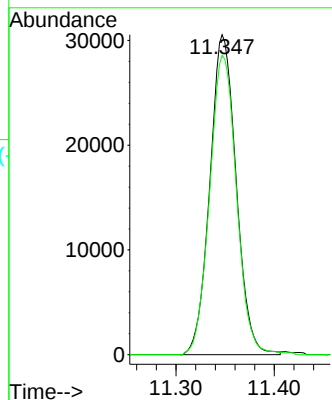
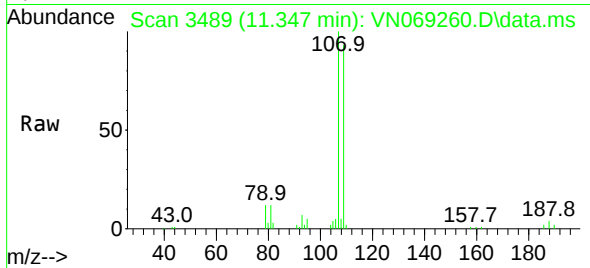




#61  
1,2-Dibromoethane  
Concen: 17.781 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

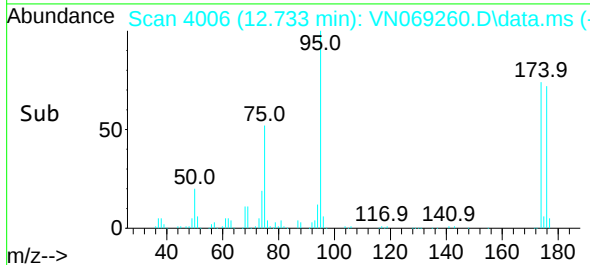
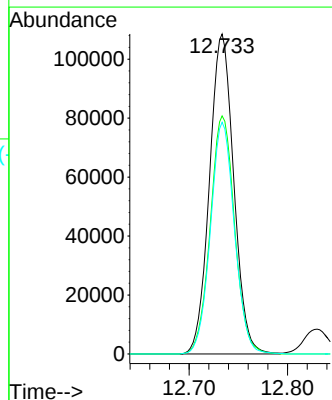
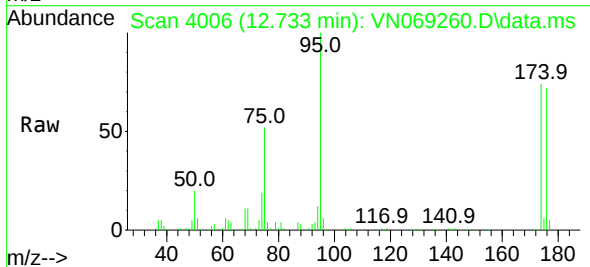
Instrument :  
MSVOA\_D  
ClientSampleId :

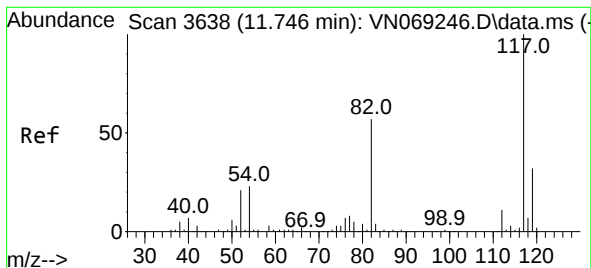
Tgt Ion:107 Resp: 56690  
Ion Ratio Lower Upper  
107 100  
109 95.6 74.7 112.1



#62  
4-Bromofluorobenzene  
Concen: 46.879 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.002 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 95 Resp: 186123  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 144.8  
176 71.7 0.0 140.0

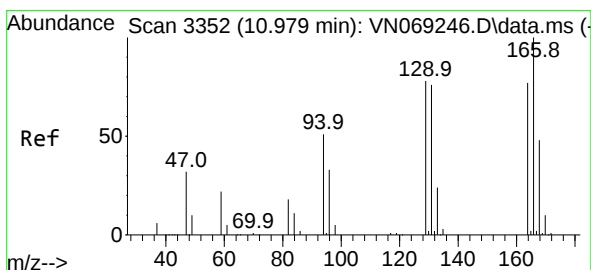
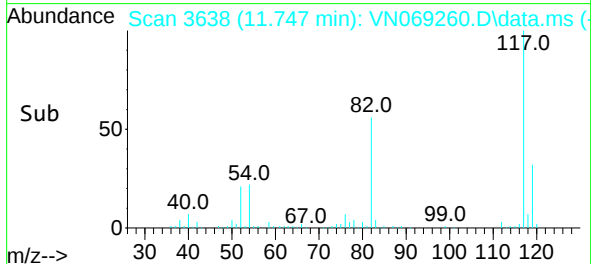
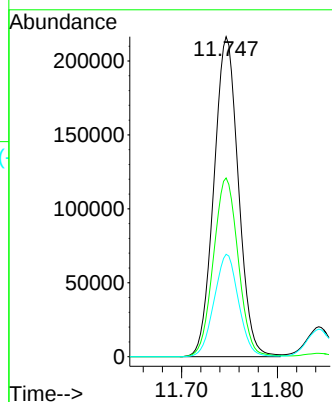
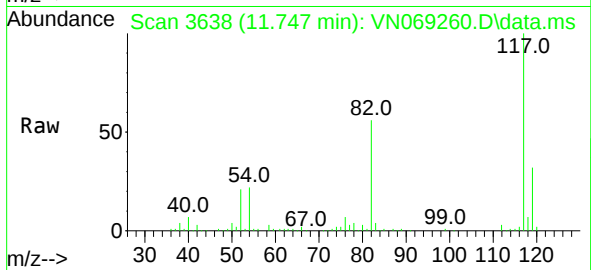




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

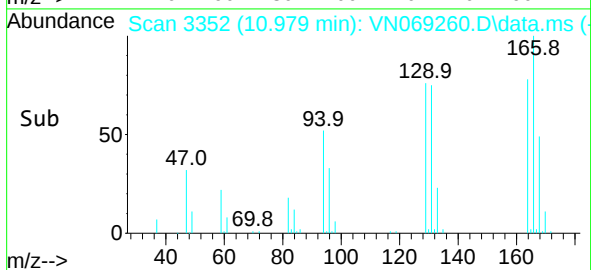
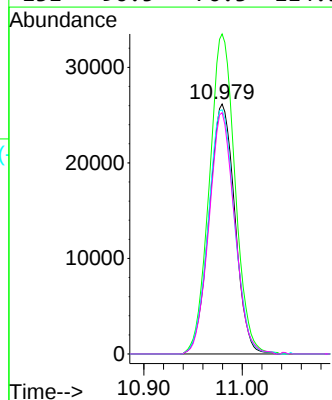
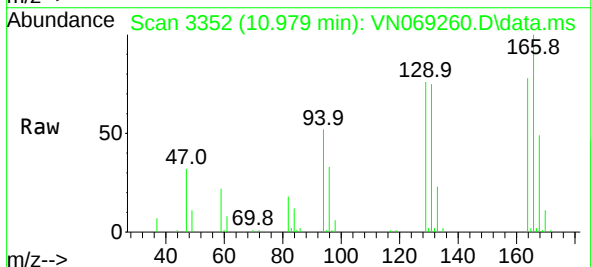
Instrument :  
MSVOA\_D  
ClientSampleId :

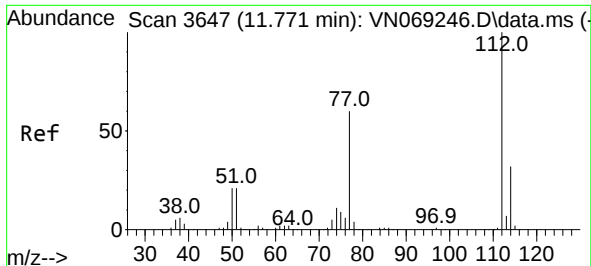
Tgt Ion:117 Resp: 383221  
Ion Ratio Lower Upper  
117 100  
82 55.8 46.4 69.6  
119 32.0 26.0 39.0



#64  
Tetrachloroethene  
Concen: 19.420 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion:164 Resp: 47537  
Ion Ratio Lower Upper  
164 100  
166 128.0 99.8 149.8  
129 97.6 79.2 118.8  
131 96.5 76.3 114.5

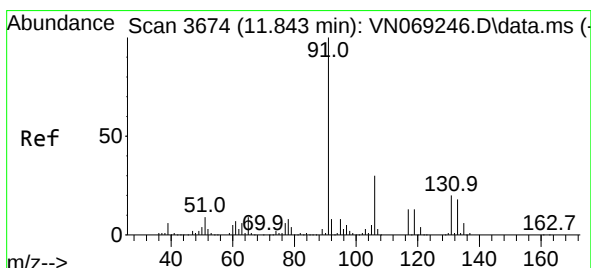
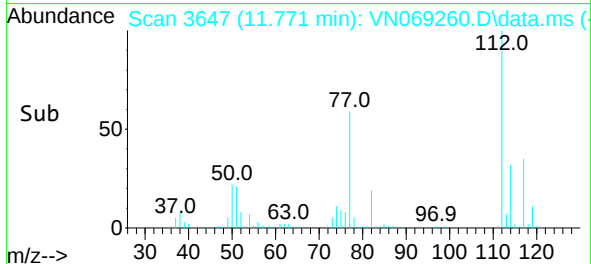
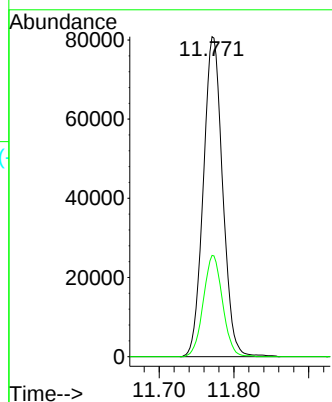
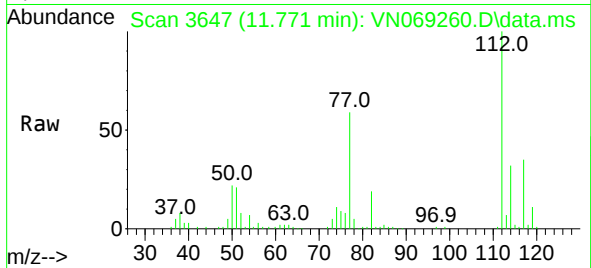




#65  
Chlorobenzene  
Concen: 19.221 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

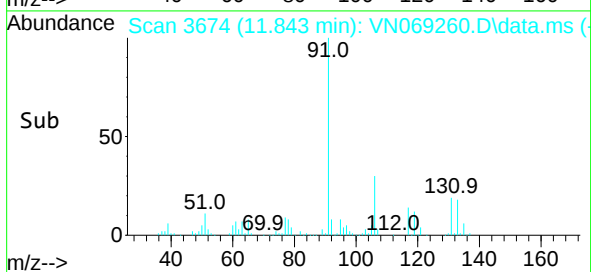
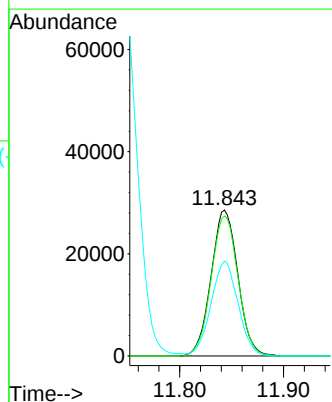
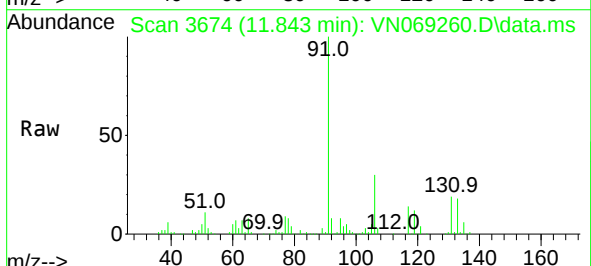
Instrument :  
MSVOA\_D  
ClientSampled :

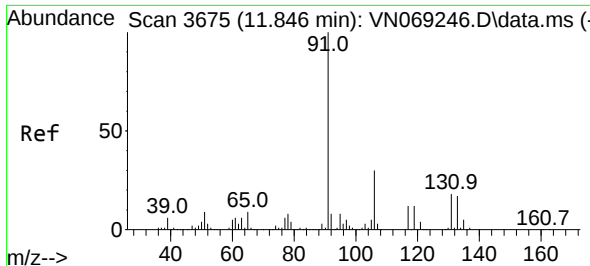
Tgt Ion:112 Resp: 144959  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.864 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion:131 Resp: 51364  
Ion Ratio Lower Upper  
131 100  
133 96.4 47.3 142.0  
119 65.5 33.0 99.0

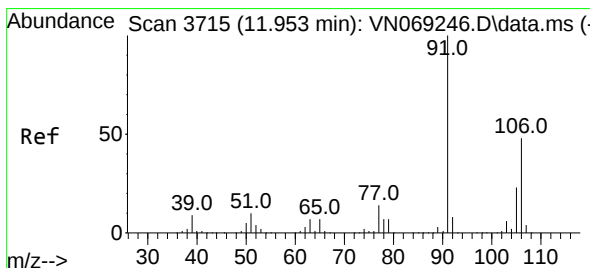
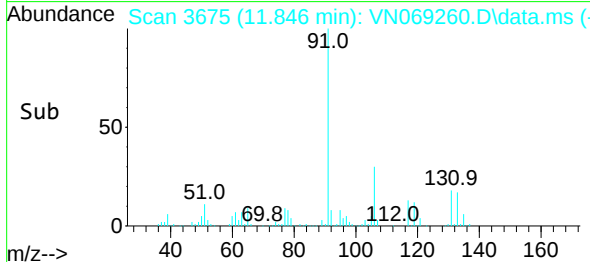
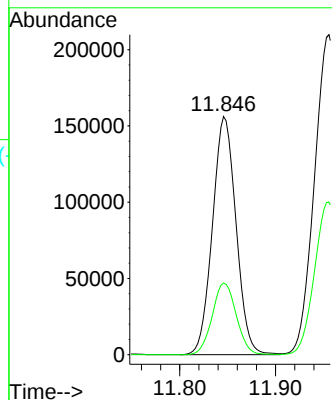
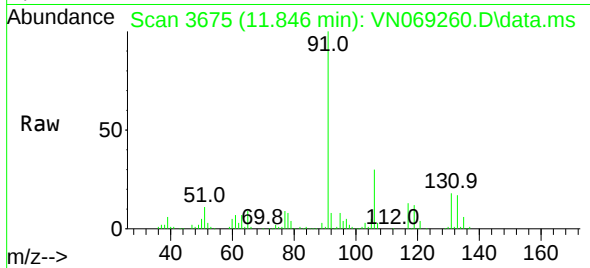




#67  
Ethyl Benzene  
Concen: 19.401 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

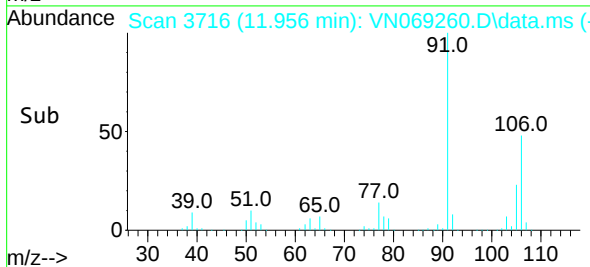
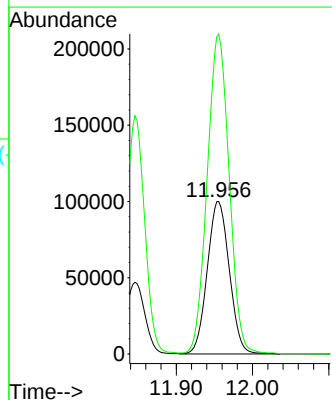
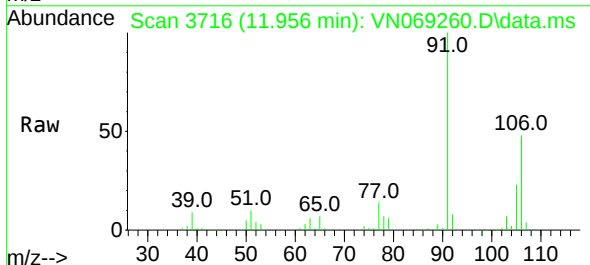
Instrument :  
MSVOA\_D  
ClientSampled :

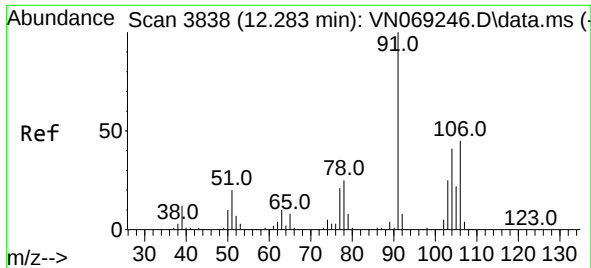
Tgt Ion: 91 Resp: 266547  
Ion Ratio Lower Upper  
91 100  
106 30.1 24.8 37.2



#68  
m/p-Xylenes  
Concen: 39.228 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion:106 Resp: 200760  
Ion Ratio Lower Upper  
106 100  
91 209.3 166.8 250.2

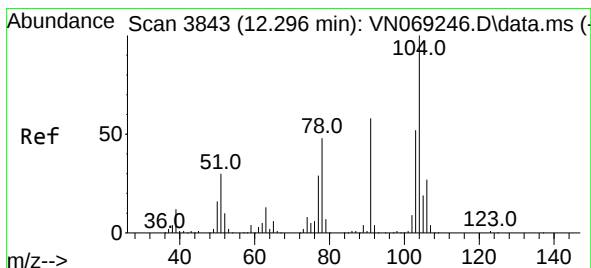
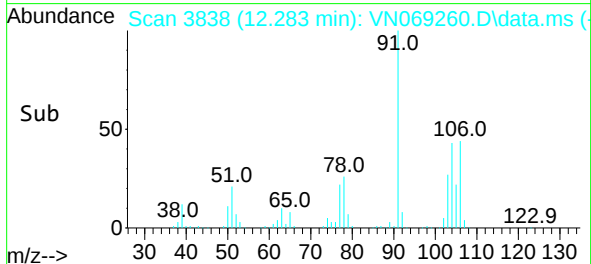
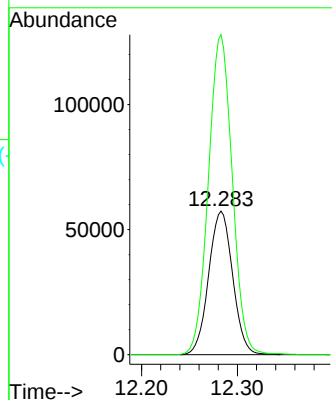
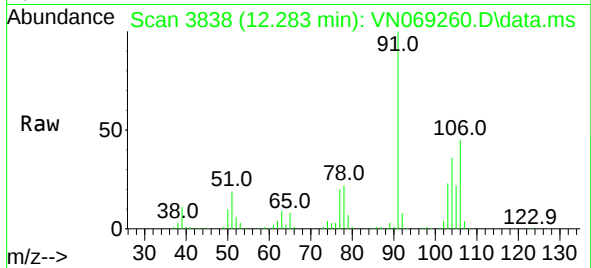




#69  
o-Xylene  
Concen: 19.395 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

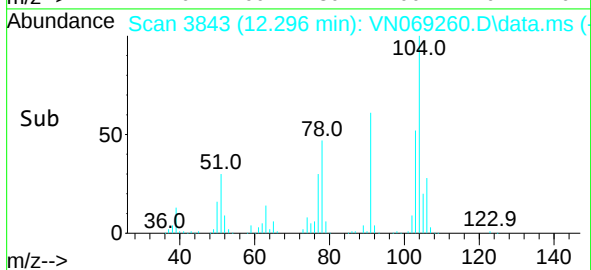
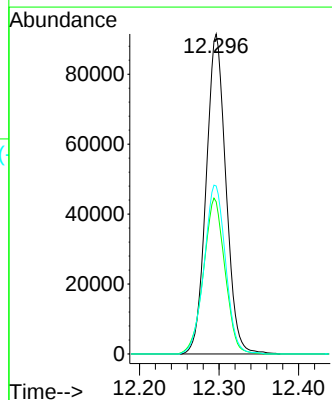
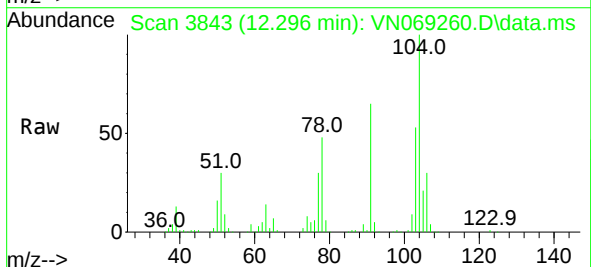
Instrument :  
MSVOA\_D  
ClientSampled :

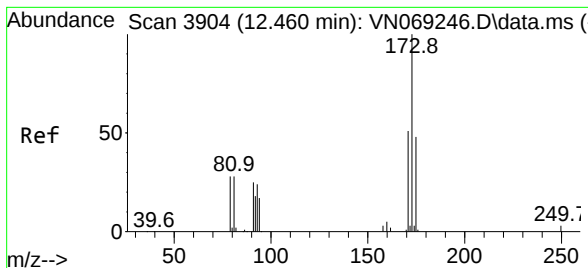
Tgt Ion:106 Resp: 99898  
Ion Ratio Lower Upper  
106 100  
91 221.5 109.6 328.6



#70  
Styrene  
Concen: 17.861 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion:104 Resp: 158175  
Ion Ratio Lower Upper  
104 100  
78 52.7 42.2 63.4  
103 57.3 44.4 66.6

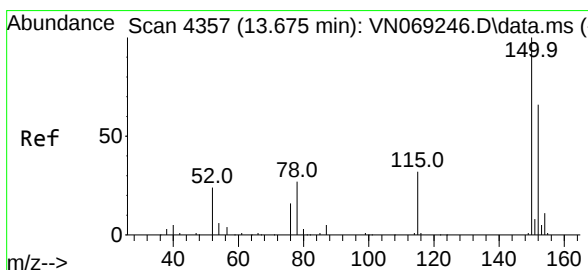
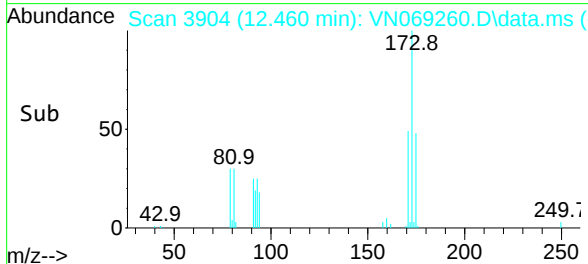
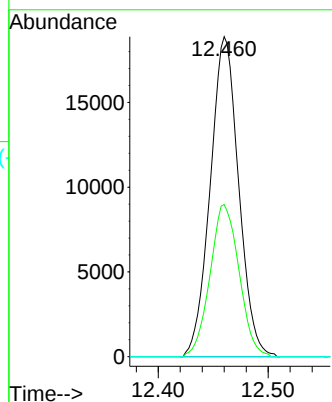
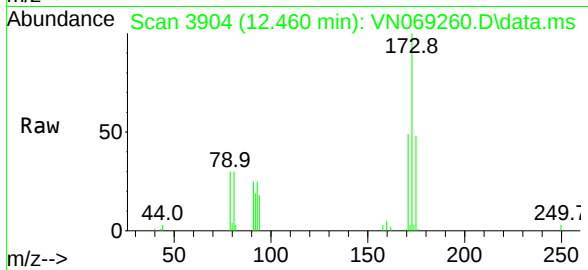




#71  
Bromoform  
Concen: 16.326 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

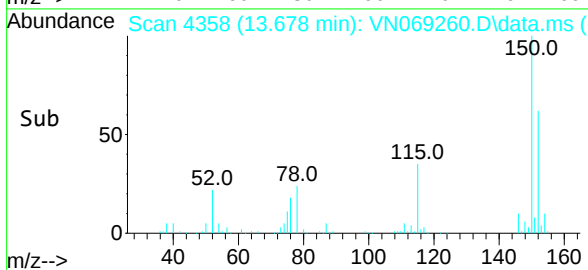
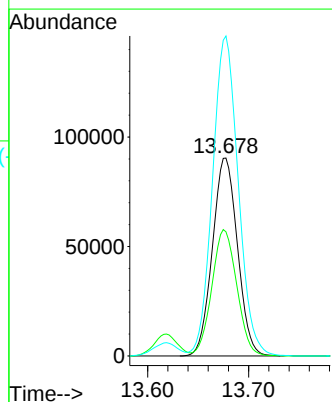
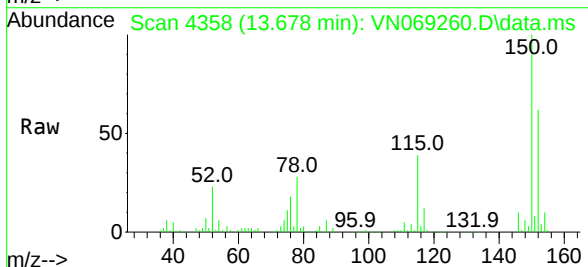
Instrument :  
MSVOA\_D  
ClientSampleId :

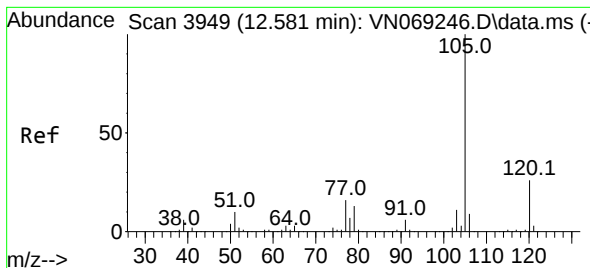
Tgt Ion:173 Resp: 33907  
Ion Ratio Lower Upper  
173 100  
175 48.6 23.8 71.5  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion:152 Resp: 155691  
Ion Ratio Lower Upper  
152 100  
115 63.7 31.4 94.3  
150 166.3 0.0 351.0

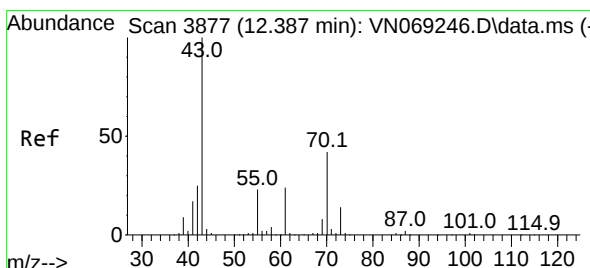
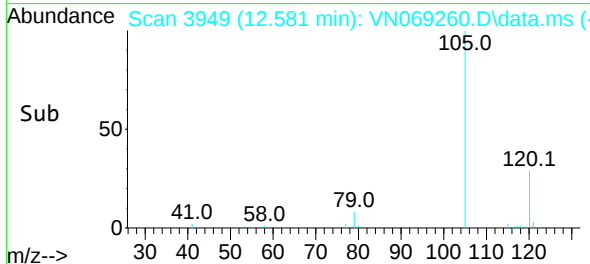
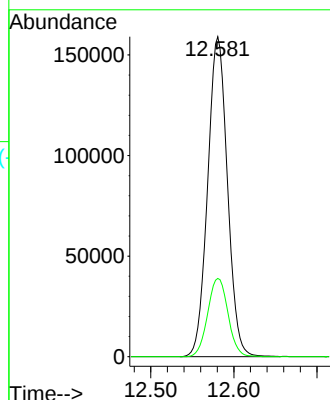
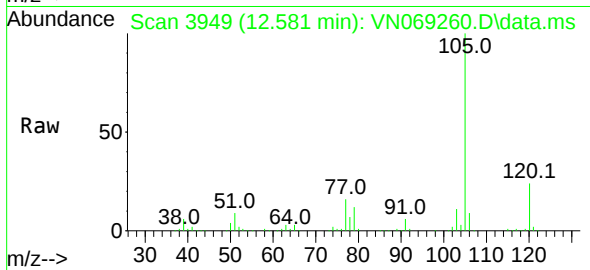




#73  
Isopropylbenzene  
Concen: 20.062 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

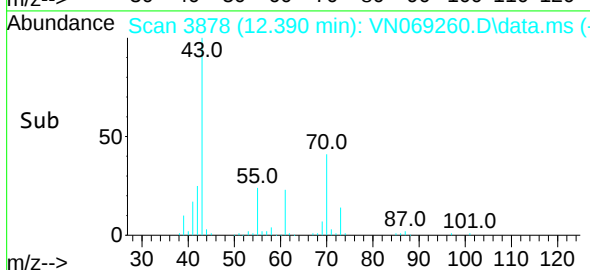
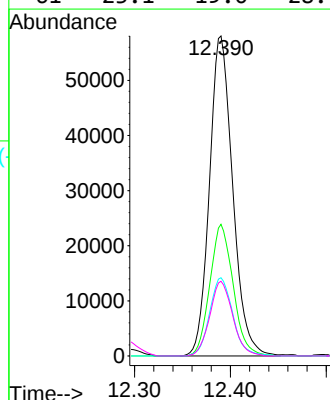
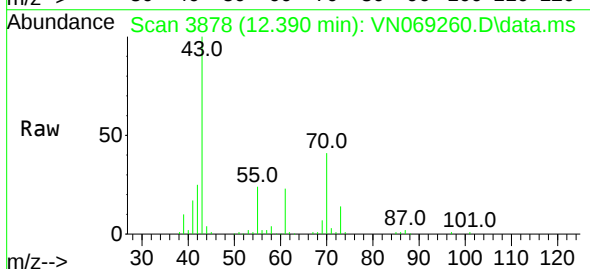
Instrument :  
MSVOA\_D  
ClientSampleId :

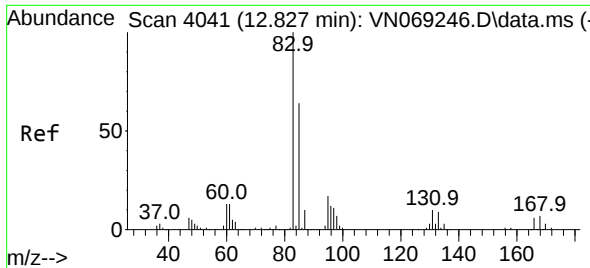
Tgt Ion:105 Resp: 262545  
Ion Ratio Lower Upper  
105 100  
120 25.1 13.1 39.3



#74  
N-ethyl acetate  
Concen: 18.976 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 43 Resp: 97831  
Ion Ratio Lower Upper  
43 100  
70 41.2 32.2 48.2  
55 24.4 18.0 27.0  
61 23.1 19.0 28.4

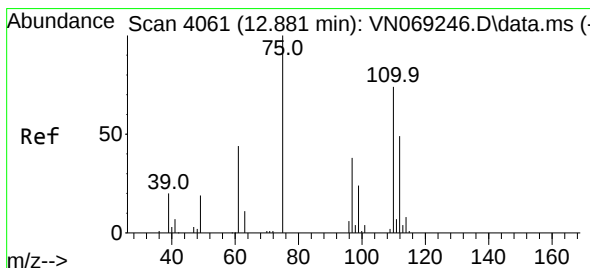
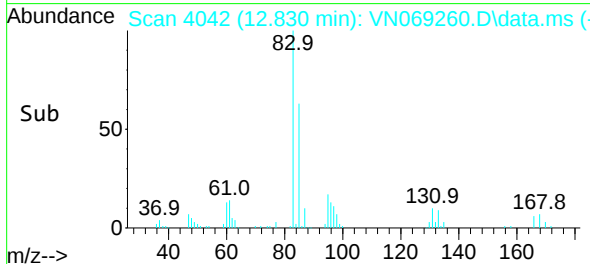
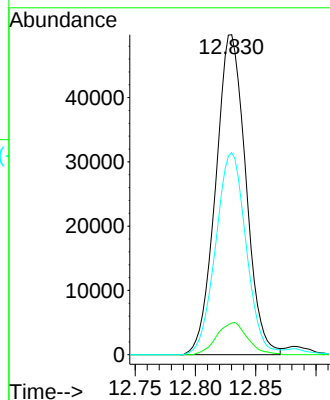
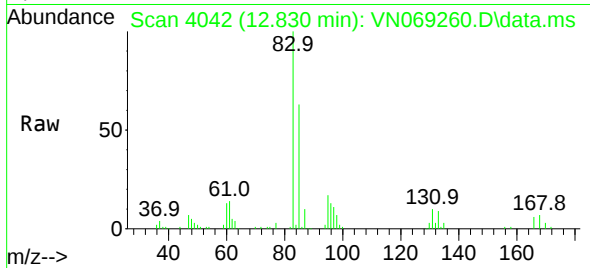




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.672 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

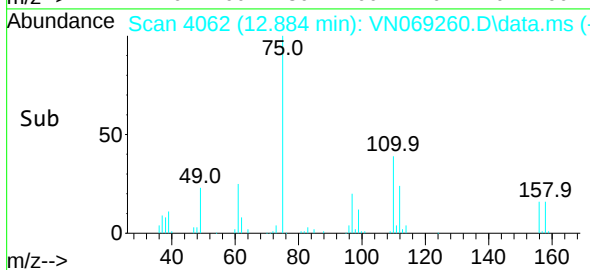
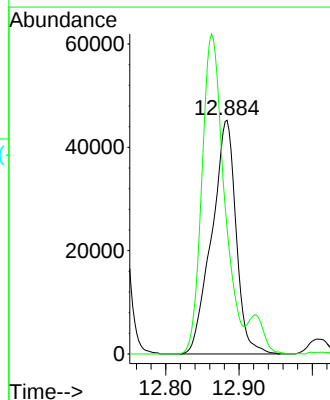
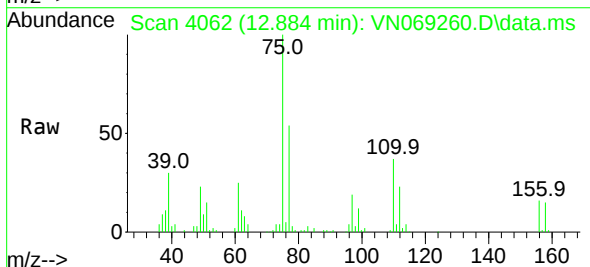
Instrument :  
MSVOA\_D  
ClientSampleId :

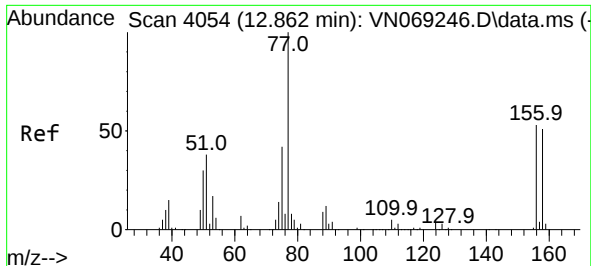
Tgt Ion: 83 Resp: 86360  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.1 15.2  
85 63.9 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 25.449 ug/l  
RT: 12.884 min Scan# 4062  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 75 Resp: 104209  
Ion Ratio Lower Upper  
75 100  
77 0.0 96.2 288.4#

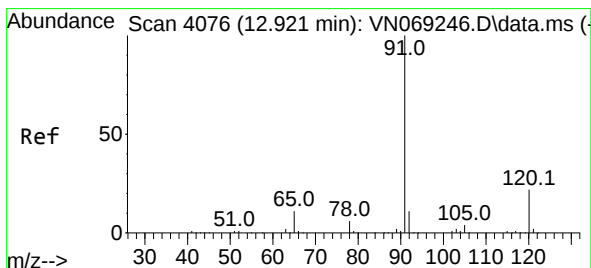
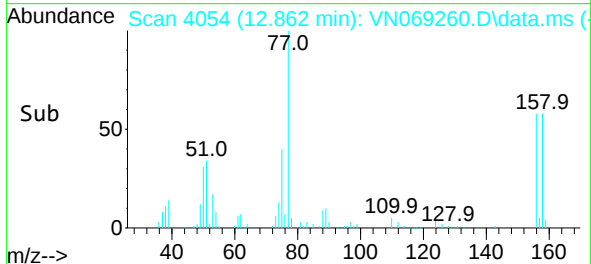
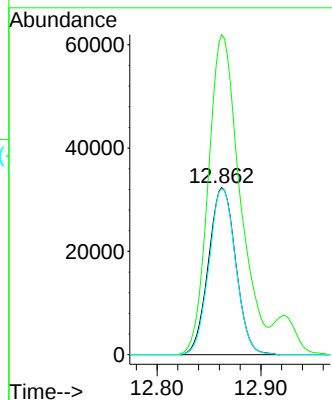
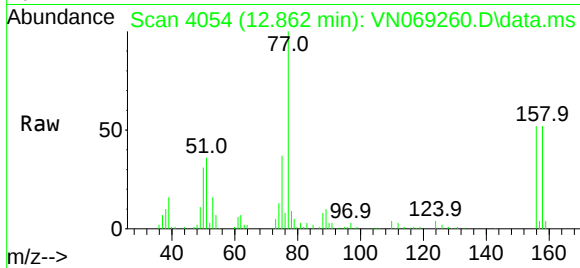




#77  
Bromobenzene  
Concen: 19.208 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

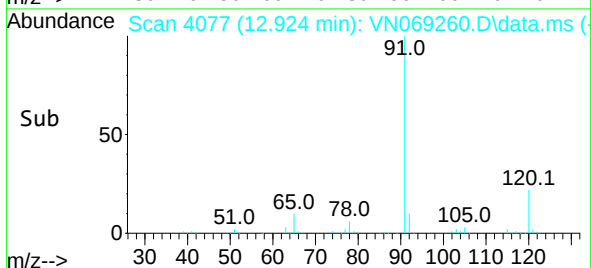
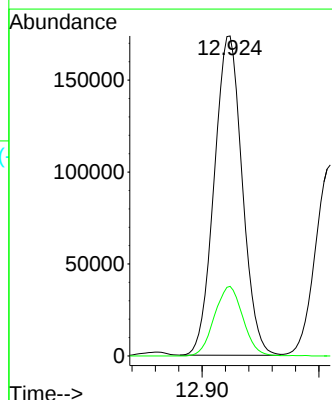
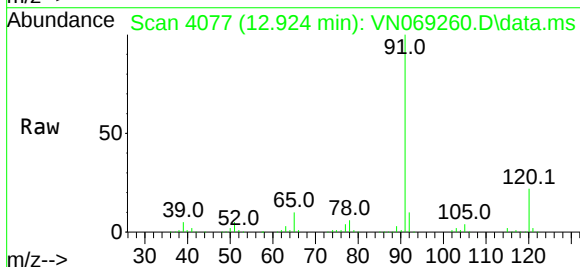
Instrument :  
MSVOA\_D  
ClientSampleId :

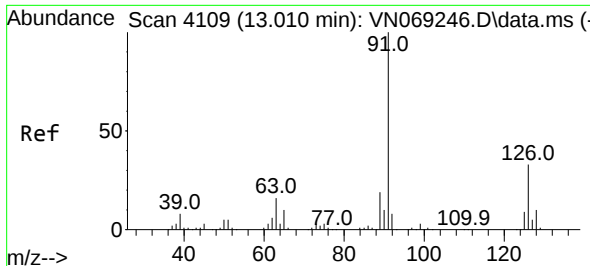
Tgt Ion:156 Resp: 58971  
Ion Ratio Lower Upper  
156 100  
77 222.3 111.8 335.3  
158 97.3 48.4 145.0



#78  
n-propylbenzene  
Concen: 19.535 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 91 Resp: 289383  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.4 34.1

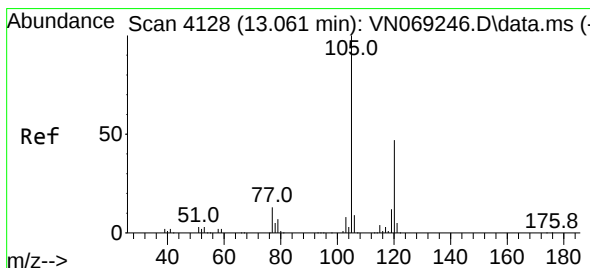
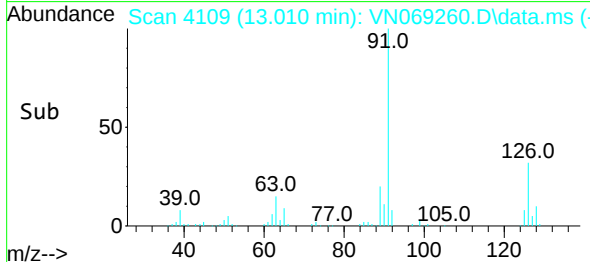
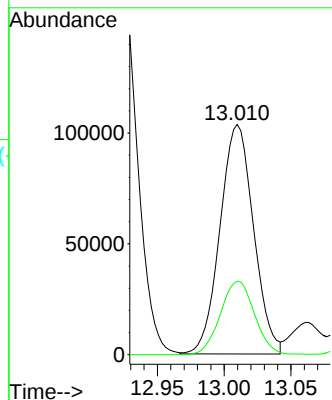
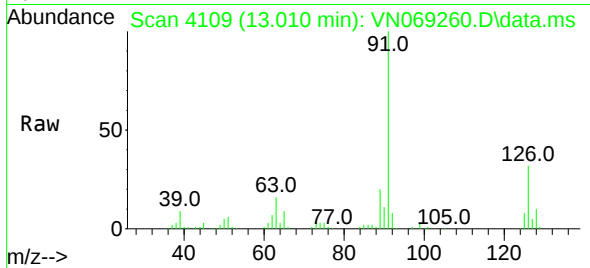




#79  
2-Chlorotoluene  
Concen: 19.411 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

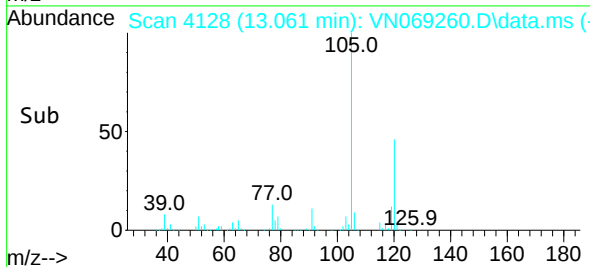
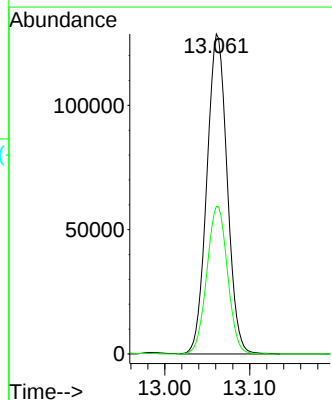
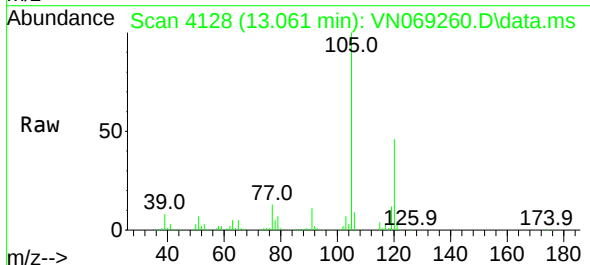
Instrument :  
MSVOA\_D  
ClientSampleId :

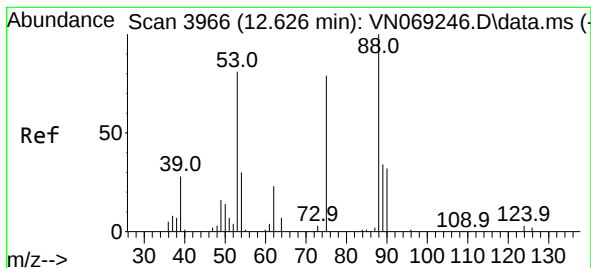
Tgt Ion: 91 Resp: 181099  
Ion Ratio Lower Upper  
91 100  
126 32.7 16.4 49.4



#80  
1,3,5-Trimethylbenzene  
Concen: 19.692 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 105 Resp: 213943  
Ion Ratio Lower Upper  
105 100  
120 46.9 23.4 70.2

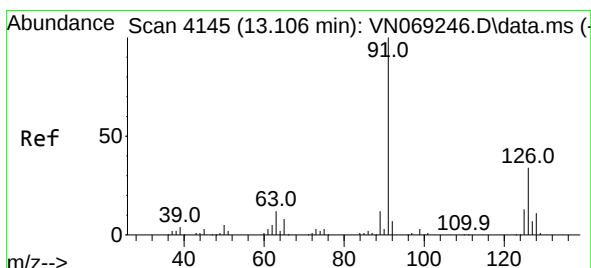
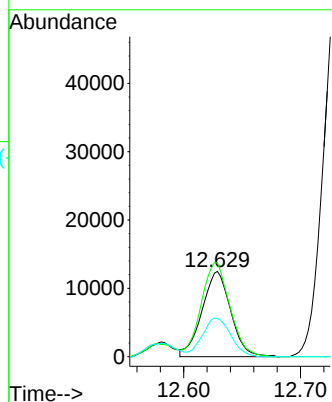
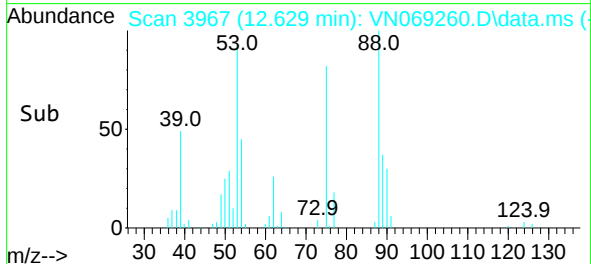
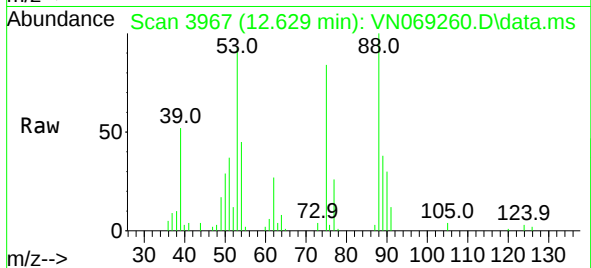




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.204 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

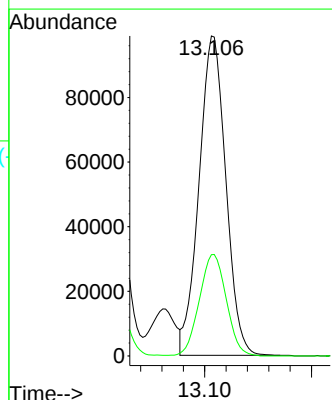
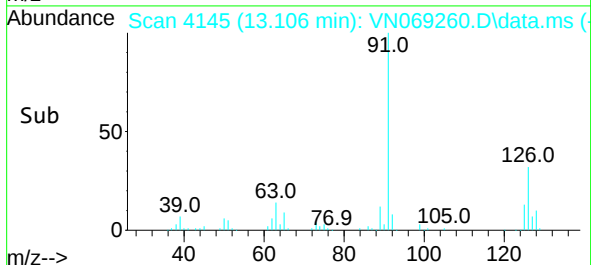
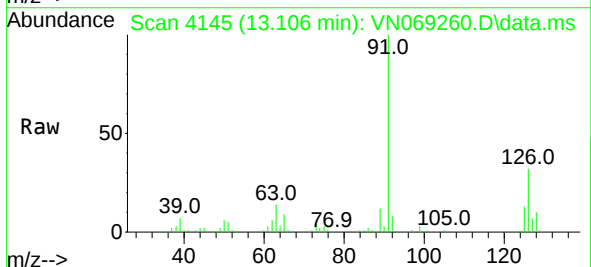
Instrument :  
MSVOA\_D  
ClientSampleId :

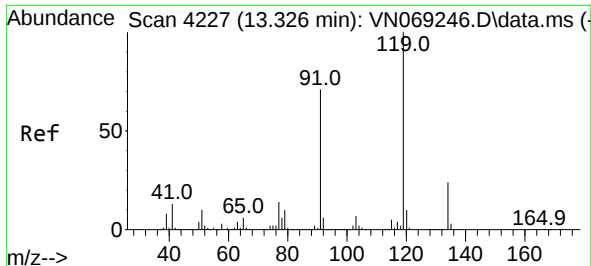
Tgt Ion: 75 Resp: 21232  
Ion Ratio Lower Upper  
75 100  
53 111.3 75.4 113.2  
89 44.8 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 18.695 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 91 Resp: 172025  
Ion Ratio Lower Upper  
91 100  
126 32.1 16.3 48.8

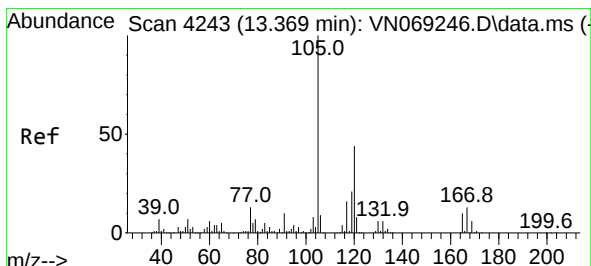
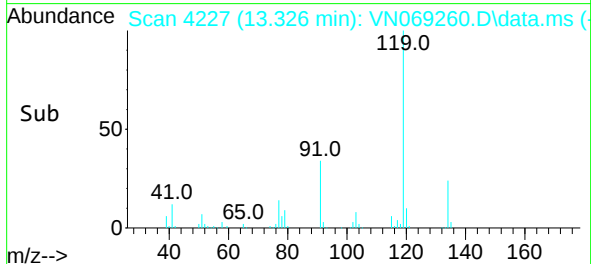
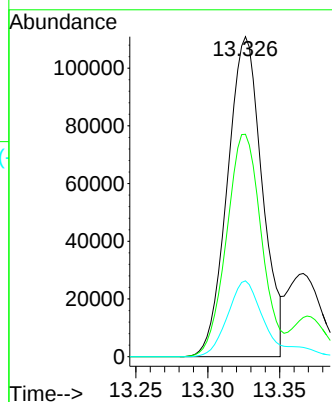
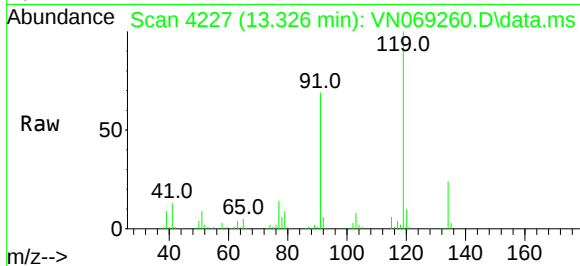




#83  
tert-Butylbenzene  
Concen: 19.700 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

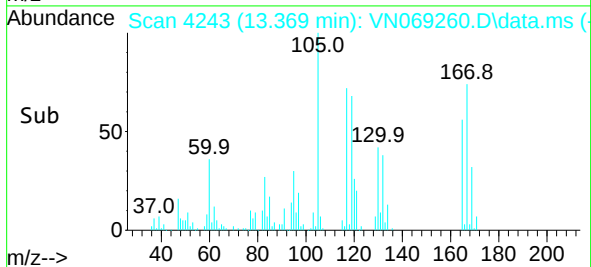
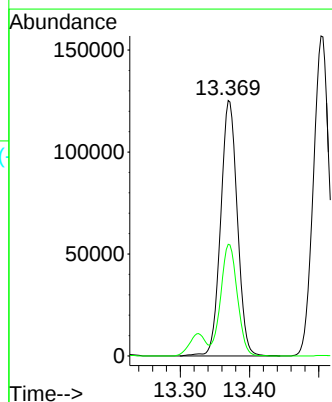
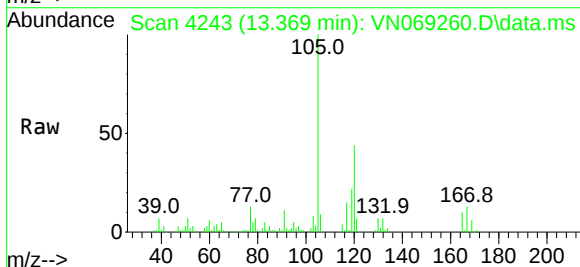
Instrument :  
MSVOA\_D  
ClientSampled :

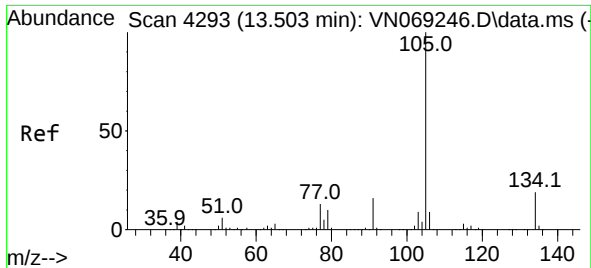
Tgt Ion:119 Resp: 186736  
Ion Ratio Lower Upper  
119 100  
91 70.0 34.6 103.9  
134 25.9 12.6 37.6



#84  
1,2,4-Trimethylbenzene  
Concen: 19.705 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion:105 Resp: 209393  
Ion Ratio Lower Upper  
105 100  
120 43.4 21.9 65.5

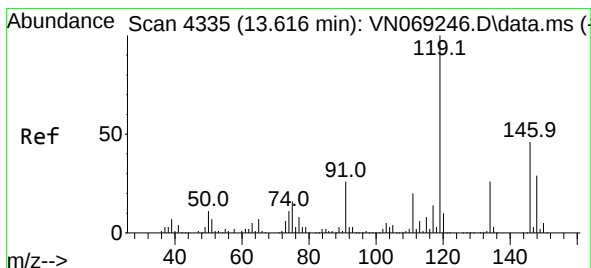
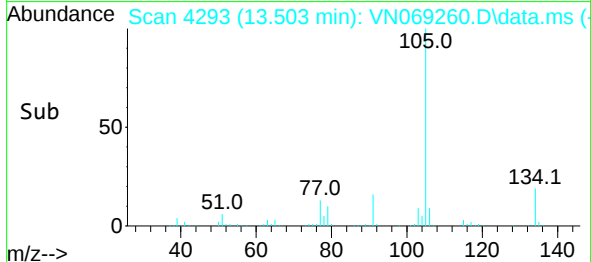
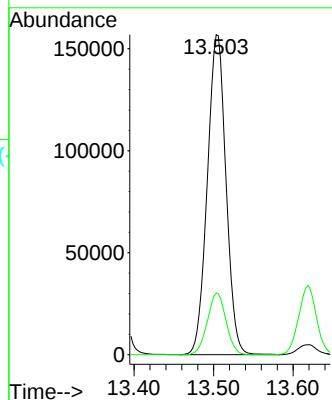
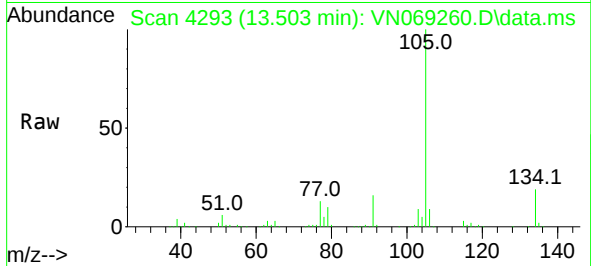




#85  
 sec-Butylbenzene  
 Concen: 19.479 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN069260.D  
 Acq: 28 Oct 2021 19:44

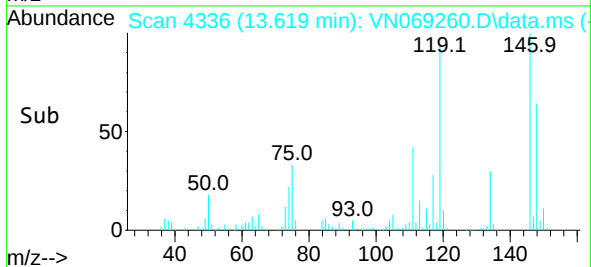
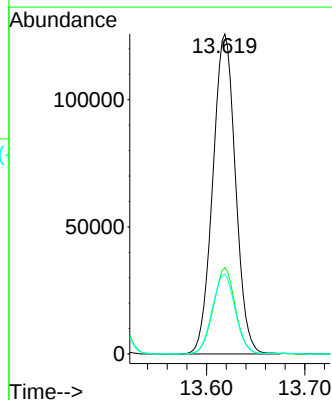
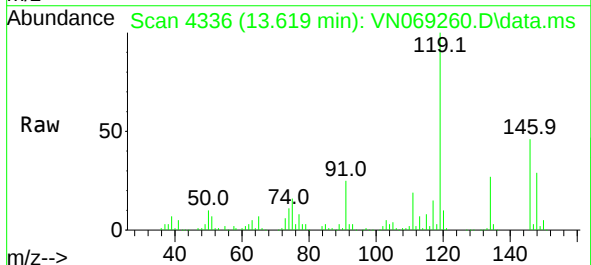
Instrument :  
 MSVOA\_D  
 ClientSampleId :

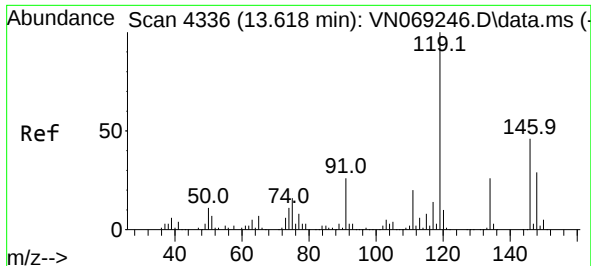
Tgt Ion:105 Resp: 255826  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 19.292 ug/l  
 RT: 13.619 min Scan# 4336  
 Delta R.T. 0.003 min  
 Lab File: VN069260.D  
 Acq: 28 Oct 2021 19:44

Tgt Ion:119 Resp: 202061  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.6  
 91 25.2 12.8 38.4

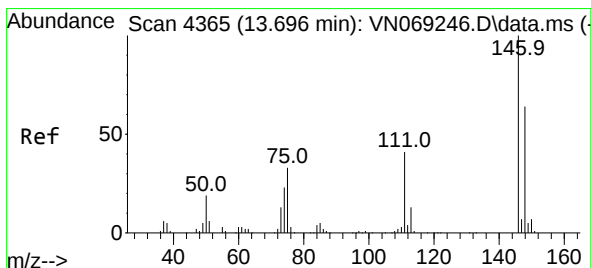
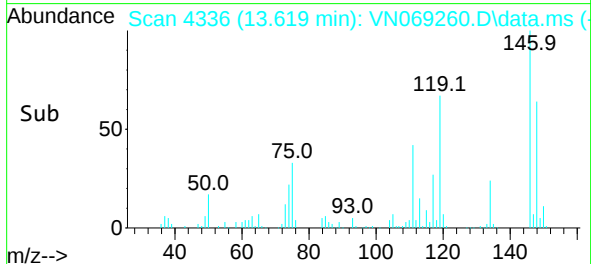
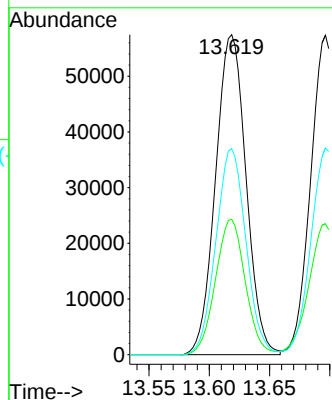
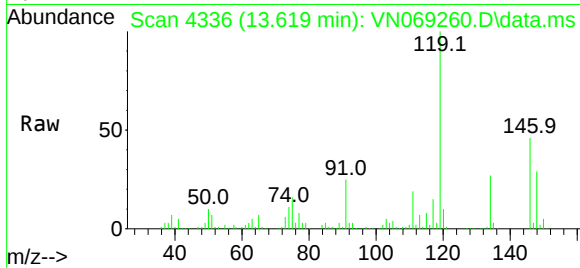




#87  
1,3-Dichlorobenzene  
Concen: 18.822 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.001 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

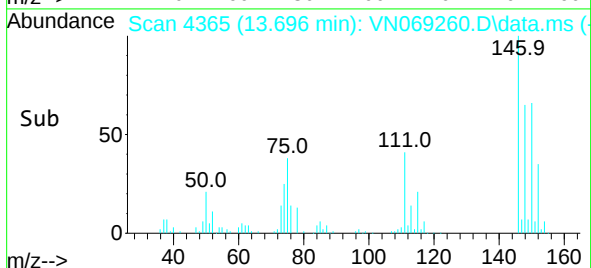
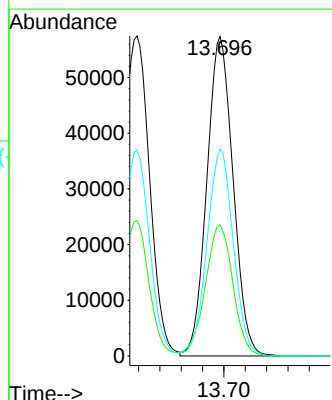
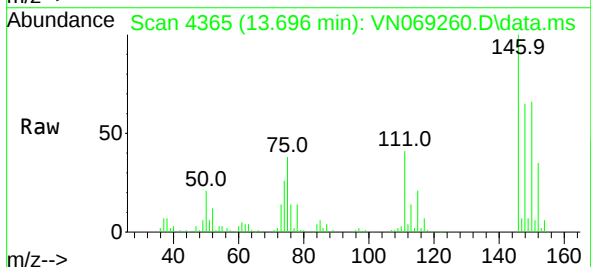
Instrument :  
MSVOA\_D  
ClientSampleId :

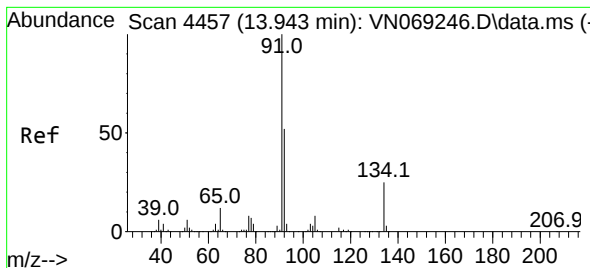
Tgt Ion:146 Resp: 101099  
Ion Ratio Lower Upper  
146 100  
111 41.3 21.4 64.2  
148 63.4 32.0 96.2



#88  
1,4-Dichlorobenzene  
Concen: 18.792 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion:146 Resp: 97766  
Ion Ratio Lower Upper  
146 100  
111 43.3 20.6 61.8  
148 64.9 32.1 96.5

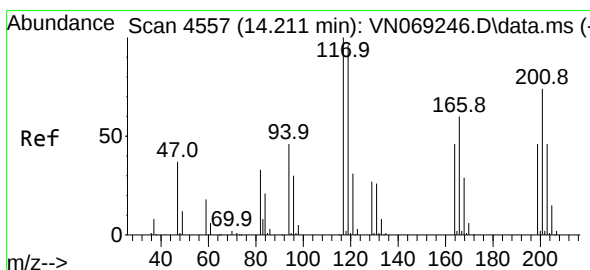
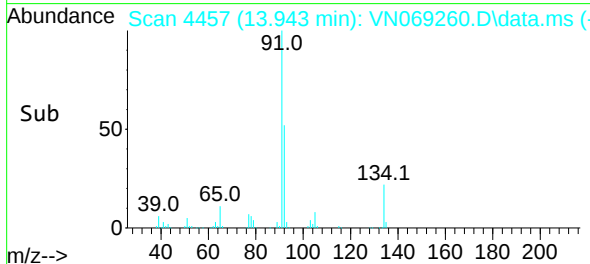
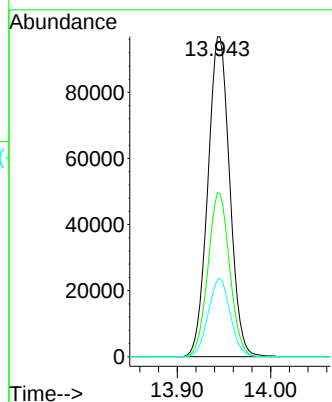
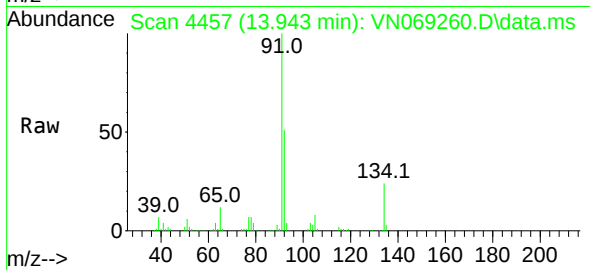




#89  
n-Butylbenzene  
Concen: 17.754 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

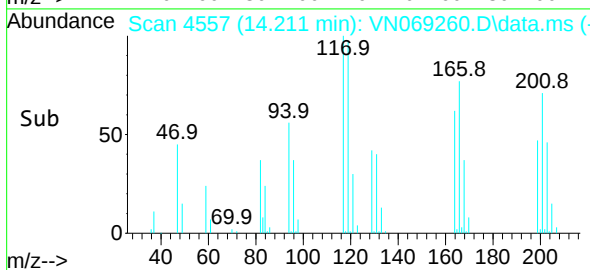
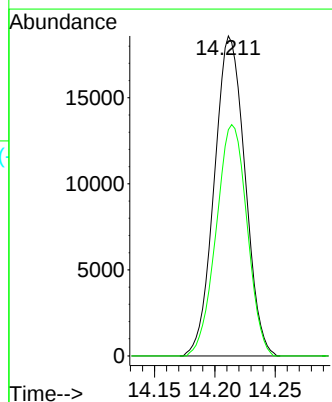
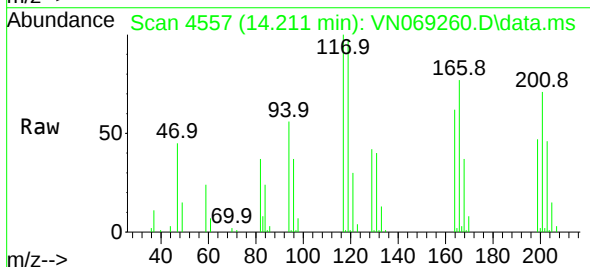
Instrument :  
MSVOA\_D  
ClientSampled :

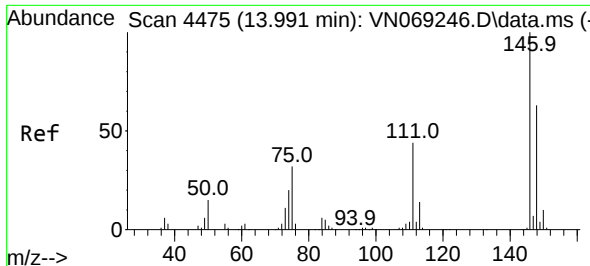
Tgt Ion: 91 Resp: 157479  
Ion Ratio Lower Upper  
91 100  
92 50.9 26.0 78.0  
134 24.6 12.5 37.5



#90  
Hexachloroethane  
Concen: 17.242 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 117 Resp: 32888  
Ion Ratio Lower Upper  
117 100  
201 72.9 37.1 111.5

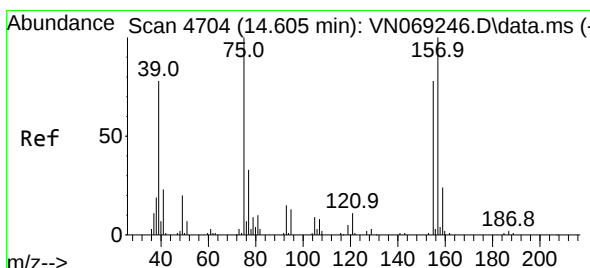
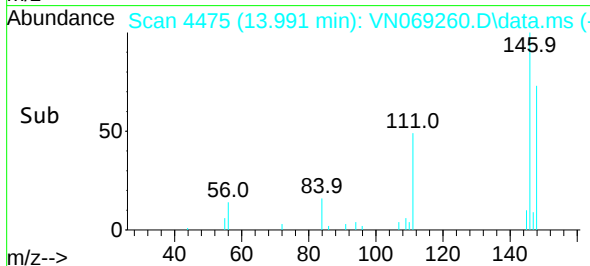
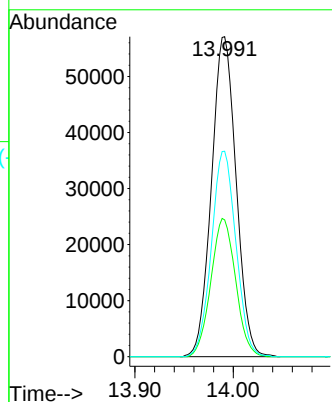
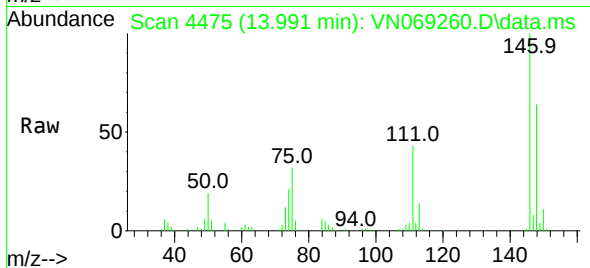




#91  
1,2-Dichlorobenzene  
Concen: 19.051 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

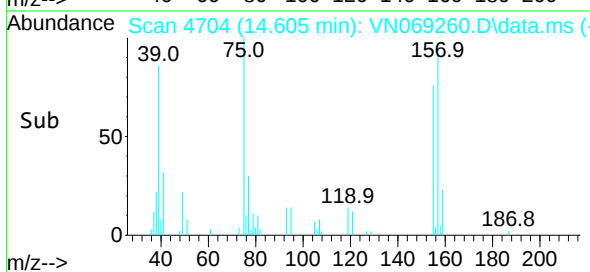
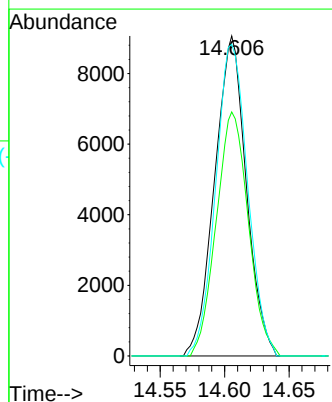
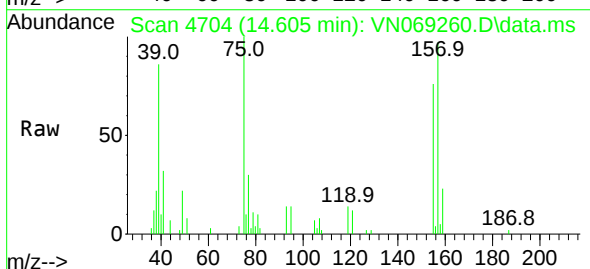
Instrument :  
MSVOA\_D  
ClientSampled :

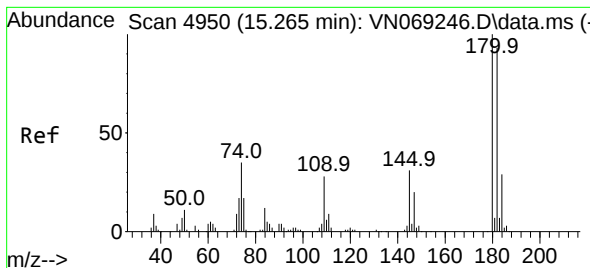
Tgt Ion:146 Resp: 99692  
Ion Ratio Lower Upper  
146 100  
111 43.2 22.0 66.0  
148 63.9 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.918 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion: 75 Resp: 15463  
Ion Ratio Lower Upper  
75 100  
155 77.3 38.8 116.4  
157 98.3 50.2 150.6





#93

1,2,4-Trichlorobenzene

Concen: 18.379 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN069260.D

Acq: 28 Oct 2021 19:44

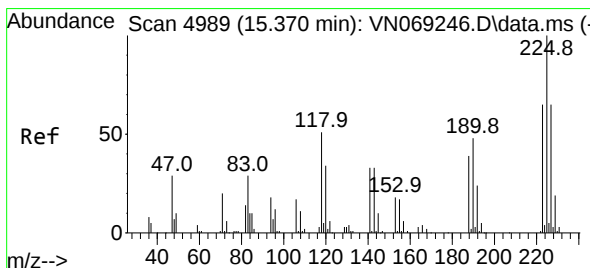
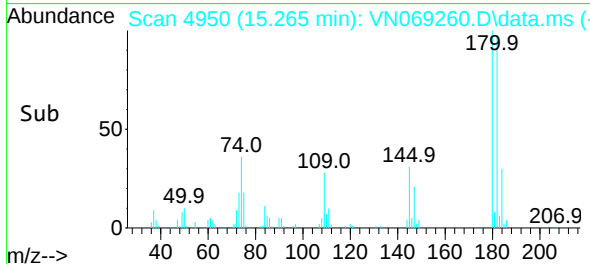
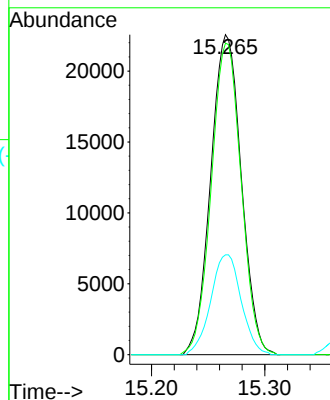
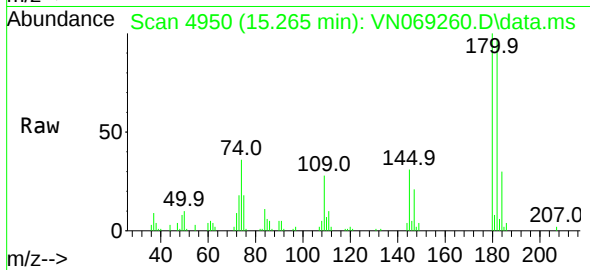
Tgt Ion:180 Resp: 42287

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

145 31.1 16.4 49.2



#94

Hexachlorobutadiene

Concen: 18.454 ug/l

RT: 15.373 min Scan# 4990

Delta R.T. 0.003 min

Lab File: VN069260.D

Acq: 28 Oct 2021 19:44

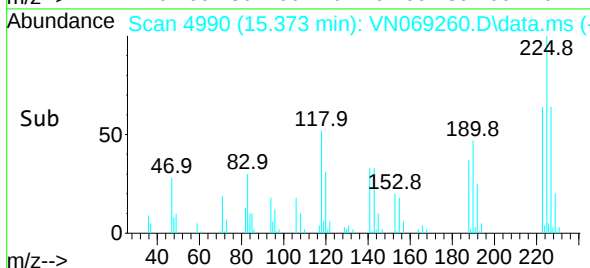
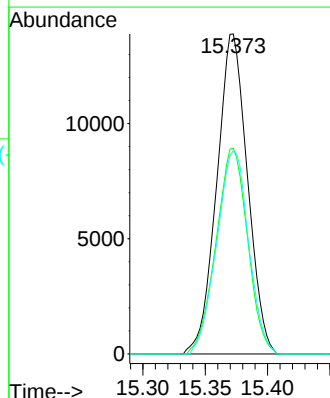
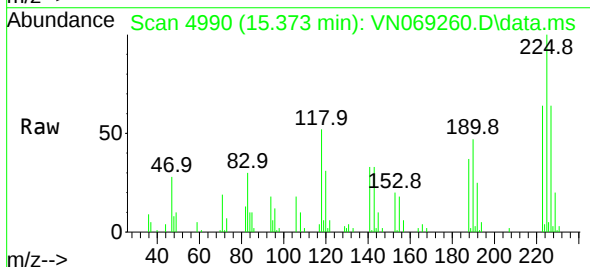
Tgt Ion:225 Resp: 23764

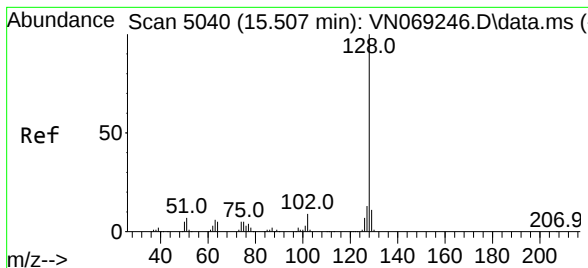
Ion Ratio Lower Upper

225 100

223 66.0 31.5 94.5

227 66.0 31.6 94.7

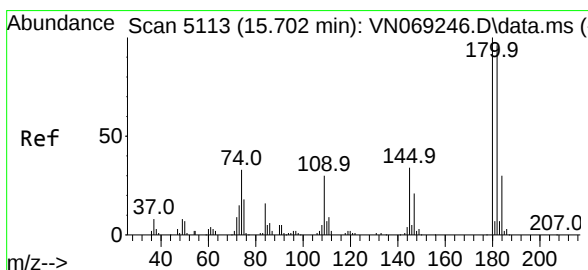
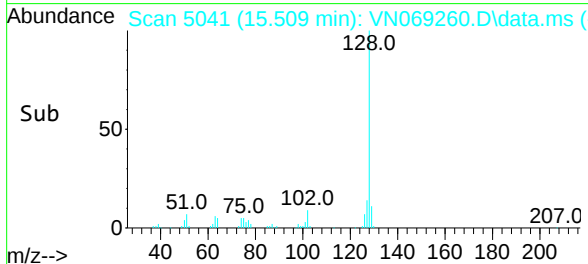
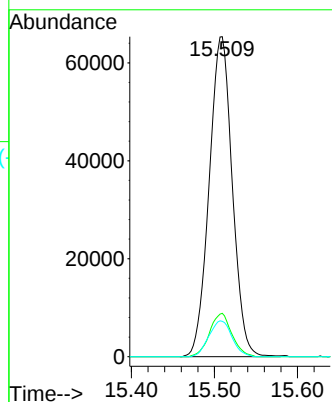
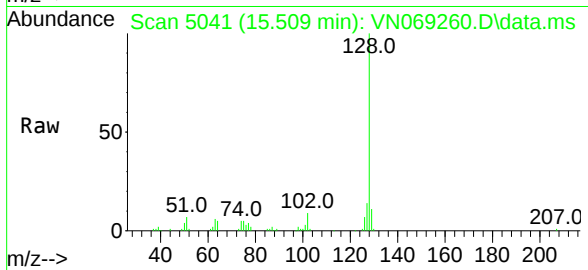




#95  
Naphthalene  
Concen: 18.475 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 126368  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.5 15.7  
129 11.2 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 18.552 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN069260.D  
Acq: 28 Oct 2021 19:44

Tgt Ion:180 Resp: 42232  
Ion Ratio Lower Upper  
180 100  
182 96.6 48.1 144.3  
145 34.3 17.4 52.2

